

477 993

MUNICIPAL COUNCIL

SHANGHAI.



REPORT

FOR THE YEAR ENDED 31st DECEMBER, 1877,

AND

BUDGET

FOR THE YEAR ENDING 31st DECEMBER, 1878.

1877-1884

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MUNICIPAL REPORT

FOR

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MUNICIPAL REPORT.

Your Council have pleasure in submitting to the Ratepayers, report of proceedings for the Municipal year ending 31st December, 1877.

Upon coming into office on March 9th the Police Force was inspected in the yard of the Central Station. Mr. Krauss, Chairman of the outgoing Council, introduced the Force to the new Council, and at the close of the inspection complimented the Superintendent and Inspectors on the smart appearance of the men and on the good conduct and efficiency displayed by the Force during the past year.

An inspection of the cells and barracks followed, everything being found clean and in serviceable order.

Upon returning to the Board room the attention of the new Members of Council was called to the position in which various Municipal matters were left outstanding. Mr. Hart thereupon offered a cordial vote of thanks to Mr. Krauss on behalf of the retiring Members for acting as their Chairman throughout the year just terminated, making special mention of the unanimity and good feeling which had characterised their debates during Mr. Krauss's term of office.

Mr. Krauss in acknowledging the compliment thanked his colleagues for the assistance they had rendered in the conduct of public business, and the honour they had conferred in electing him as their Chairman. Before taking his leave he desired that the thanks of the Council be conveyed to the Municipal staff for the satisfactory way in which the Council's instructions had been attended to, and the work of the different offices performed.

The old Members then withdrew, and the Meeting proceeded to business and elected as office-bearers—

Chairman—Mr. J. Hart.

Vice-Chairman—Mr. E. H. Lavers.

Defence Committee—Messrs. J. Hart, E. G. Low, and A. McLeod.

Finance Committee—Messrs. Geo. J. W. Cowie, P. G. Hübbe, and E. H. Lavers.

Watch Committee—Messrs. J. Hart, A. McLeod, and J. F. Seaman.

Works Committee—Messrs. J. Bell-Irving, E. G. Low, and C. W. Siegfried.

Your Council have to express their regret at the loss of Mr. J. F. Seaman's services during the greater part of the year, owing to his departure from Shanghai.

DEFENCE MATTERS.

VOLUNTEER CORPS.

Appointments.—*No. 1 Company.*—Lieutenant Sim to be Captain vice Captain Holliday, resigned.

Resignations.—The following officers have resigned—

No. 1 Company.—Captain Holliday.

No. 3 Company.—Lieutenant Yeo.

Disbanding of No. 3 Company.—The intention of this Company to disband was conveyed in the following letter:—

SHANGHAI, 17th April, 1877.

MAJOR HART,

Commandant, Shanghai Municipal Rifle Volunteers.

SIR,—I beg to tender my resignation as Lieutenant of No. 3 Company as the members have upon my suggestion, agreed to disband themselves.

I find since my return from England, that the present members are unable to attend many of the Battalion Parades; and do not take sufficient interest in the Drills or Target practice, to induce me to continue the Company; and I have therefore ordered all arms and accoutrements to be sent to the armoury.

I am, Sir,

Your obedient Servant,

GEO. J. YEO.

Resolved—That in accordance with a desire expressed by the officer commanding and the members of No. 3 Company Shanghai Volunteer Corps the Company be disbanded, and that the best thanks of the Council be conveyed on behalf of the Community for the services rendered by the Corps.

Arms and Accoutrements—Are in good order.

The stock of Martini-Henry Rifles has been increased to 500.

The Snider Rifles have been sold on favourable terms, and the proceeds invested in Martini-Henry Rifles.

Ammunition.—In consequence of the difficulty of procuring freight for ammunition ordered from London, application was made through H. B. M.'s Consul for supplies from H. B. M.'s Government in Hongkong, in connection with which the following correspondence passed.

BRITISH CONSULATE,

SHANGHAI, 7th July, 1877.

SIR,—With reference to your letter of the 19th ultimo, requesting the assistance of the Hongkong Government in obtaining a supply of ammunition for the Shanghai Volunteers, I am directed by Her Majesty's Acting Consul to inform you that he has forwarded your application to His Excellency the Governor and Commander-in-Chief of Hongkong, who replies in the following terms:—

"I have much pleasure in informing you that His Excellency the Major-General in Command of the Forces has readily complied with my wish that the Ordnance Store Department here should furnish the requisite supply to the Municipal Council.

"The schedule of ammunition enclosed in your letter will accordingly be sent to the Ordnance Store Department so soon as you inform me to whom delivery is to be made."

Her Majesty's Acting Consul will be glad therefore to know by what agency the Municipal Council will receive the promised ammunition.

His Excellency the Governor concludes his despatch with the assurance that he will at all times be most happy to co-operate with the Municipal Council of Shanghai in promoting the important commercial objects they have in hand.

I have the honour to be, Sir,

Your most obedient humble Servant,

CHAS. T. GARDNER,

Acting Vice-Consul.

*The Chairman of the MUNICIPAL COUNCIL,
Shanghai.*

MUNICIPAL COUNCIL,

SHANGHAI, 23rd July, 1877.

A. DAVENPORT, Esq.,

H. B. M.'s Acting Consul.

SIR,—I have the honour to acknowledge receipt of your despatch of 7th instant, and to tender you the best thanks of the Council for your services in obtaining a supply of ammunition from H. B. M.'s Government at Hongkong.

Having been addressed direct by the Senior Ordnance Officer at Hongkong, the Council have informed him of the agency, through which they desire the ammunition to be forwarded to Shanghai.

My colleagues are much gratified by the expression of goodwill by His Excellency the Governor of Hongkong towards this Settlement, and beg that you will convey to him their most cordial thanks on behalf of the Community for it.

I have the honour to be, Sir,

Your obedient Servant,

J. HART,

Chairman.

Rifle Competitions.—Accounts by the Inspector of Musketry of the Spring and Autumn Meetings are appended.

SHANGHAI, 7th May, 1877.

MAJOR HART,

Shanghai Volunteer Corps.

SIR,—I have to report that the Spring Prize Meeting of the Corps has been very successful. There have been a fair number of competitors for prizes, and the average of the shooting has been good, showing a considerable improvement on any Meeting previously held here.

The Volunteers who have regularly attended practice have now attained great proficiency in the use of their Rifles, but unfortunately they are only a minority of the Corps. With a view to improving the efficiency of the remainder, one competition has been restricted to those who have never before won prizes, and two others of a similar character are to be held on 21st and 22nd instant.

I remain, Sir,

Your obedient Servant,

ALEX. SIM,

Lieutenant and Instructor of Musketry.

SHANGHAI, 14th December, 1877.

MAJOR HART,

Shanghai Volunteer Corps.

SIR,—The Autumn Prize Meeting was held in November, and although the weather was unfavourable, the Meeting was successful and the shooting fair. The practice for prizes restricted to recruits and previous non-winners shows considerable improvement, and better results may therefore be expected from the class-firing, should it be continued next year.

The measurements of the Targets for competitions have been altered to those in use at Wimbledon this year, and the new system of marking works well.

I remain, Sir,

Your obedient Servant,

ALEX. SIM,

Lieutenant and Instructor of Musketry.

Rifle Butts.—A new Iron target on the Wimbledon pattern has been erected.

FINANCE MATTERS.

APPROPRIATIONS.

Appropriations not provided for in the Budget for the year have been made for the following purposes:—

Martini-Henry Rifles—Purchase of 205 Stand with Bayonets.....	3,168.19	
<i>Less</i> —Sale of Snider Rifles	2,558.68	
		609.51
Fittings for Rifles		82.26
Military Stores		900.84
Public Garden—Seats and Hand Engine		352.71
Disinfectants		513.23
Trees for outside Roads		561.27
E. B. Souper, 6 months' salary upon resignation		2,119.88
Latrines—Building and repairs		246.99
Report on means of egress from Foreign and Native Theatres, &c.		150.00
		<u>Tls. 5,536.69</u>

INSURANCE.

The local Insurance Companies have agreed to allow the usual contributory returns made to shareholders on policies taken out by the Council.

LOAN OF 1872.

One hundred debentures were paid off on November 1st, the numbers of which were drawn by ballot.

ASYLUM FOR DESTITUTE ORPHANS OF FOREIGN PARENTS.

An appeal for funds towards this charitable object was refused; the Council while recognising the benefit of such an institution, regretted they had no power to devote the public funds to such a purpose.

ASSESSMENTS.

Schedules of houses and land assessed during the year 1877 are appended.

*Houses upon which Assessments have been reduced during the year 1877,
under Resolution passed at Ratepayers Meeting, 6th March, 1877.*

Name of Road.	Name of Occupant.	Assessment.	Reduced to	Remarks.
1 Yangtsze	{ R. McKenzie S. A. Viguier	3,000	2,800	{ Building when assessed in 1875 was untenanted.
4 do.	W. Meyerink.....	3,000	2,600	{ Some godowns pulled down and a new building, 5A Canton Road, assessed at Tls. 1,000 erected in their place.
9 Szechuen	J. W. Muller & Co.	800	700	{ New lease at reduced rents.
10 do.	do.	1,200	1,000	
6 Keangse	A. H. Maertens ...	1,500	1,000	
34 do.	Jos. Nolting	600	420	do. do.
7 Honan	Rev. J. S. Roberts	600	480	Reduced to actual rental.
5 & 7 Canton	M. H. Cook	1,000	480	do. do.
13 do.	W. White	2,000	1,500	do. do.
14c do.	D. B. Benjamin ...	800	540	do. do.
15 do.	H. Sillem	400	300	do. do.
2 Foochow	Geo. Smith & Co....	2,000	1,500	{ Part of godown pulled down and a new building, 2B Foochow Road, assessed at Tls. 840 erected on the site.
2n do.	Union Ins. Society	900	840	Reduced to actual rental.
3 (part) do.	Kuhn & Co.	638	540	do. do.
9 & 10 do.	J. Searle	1,200	900	do. do.
1 Kiukiang	H. S. Bidwell	2,000	1,800	do. do.
4 & 4A do.	E. D. Sassoon & Co.	5,000	3,700	do. do.
do.	Gilman, Lavers & Co.	1,100	840	
5B do.	Fearon, Low & Co.	400	300	
12 Nanking	Geo. Polite	900	720	
13 do.	do.	600	480	
17A do.	Fisler & Co.	600	480	
2 Tientsin	W. Hopkins	480	360	
2 (part) Ningpo	G. Malteau	480	400	
8 Peking	B. F. Thorburn.....	600	400	
13 & 14 Yuen-ming-yuen }	R. W. Little	900	800	
7 Hongkong	F. Mawhood	1,440	1,200	{ Reduced to Tls. 1,200 upon appeal.
11 Soochow	Hyde, Hertz & Co.	500	420	Reduced to actual rental.
1 N. Soochow	H. Eustace	200	150	
16 do.	J. Macguire	500	360	
1 Whangpoo	J. M. Kelly	600	480	
16 do.	{ P. K. Dumaesq ... Dr. MacCartee	1,100	720	
17 do.	A. Silverthorne.....	1,000	600	
3 Broadway	Mrs. Stuart	350	270	
29 do.	Capt. Beckett	500	480	
35 do.	J. Riach	500	420	
37 do.	W. Hewett	500	420	
40 do.	Capt. Andrew	600	500	
42 do.	T. W. Duff.....	300	180	
43 do.	H. J. Limby	300	180	
44 do.	D. L. Hopkins	300	180	
45 do.	Mrs. Stuart	300	180	
46 do.	Dr. Cranston.....	300	180	
do.	Capt. Tisdall.....	600	480	
62 do.	A. Silverthorne.....	480	360	{ "The Camp." Reduced upon appeal.
3 Nanzing	A. Castro	360	240	Reduced to actual rental.
4 do.	C. H. Pike.....	360	240	do. do.
5 do.	J. P. Marques	360	240	do. do.
6 do.	J. W. Andrew	360	240	do. do.
2 Boone	F. Carion	150	135	do. do.

Houses Assessed during the year 1877.

Name of Road.	Name of Occupant.	Assessment.	Remarks.
9D	Yangtze	Alfred Dent & Co.	720
5A	Canton	Wm. Papps & Co.	1,000
2B	Foochow	Union Ins. Society	900
27D	Keangse	H. T. Wade	450
19	Peking	Kum Allum	240
7	Hongkong	F. Mawhood	1,440
9	Soochow	R. S. Raphael	420
9A	do.	J. Remusat	420
10	do.	H. Fitz Henry	420
10A	do.	A. de Garay	500
16	N. Soochow	J. Macguire	500
17	do.	Railway Station ...	600
6A	Whangpoo	A. Chaumont	180
6B	do.	J. D. Bishop	450
6C	do.	T. W. Duff	400
1A	Broadway	C. R. England	500
28B	do.	H. T. Wavell	90
28C	do.	A. W. Bockneke ...	90
28D	do.	R. Langland	90
28E	do.	F. Haughton	90
28F	do.	J. J. Clements	90
28G	do.	J. W. Andrews	90
28H	do.	G. D. Pole	90
28I	do.	G. E. Bell	90
28K	do.	J. Mooney	240
28L	do.	A. Diniz	240
28M	do.	W. H. Carr	240
28N	do.	J. Ferrier	240
28O	do.	C. H. Pike	240
28P	do.	E. Wells	240
50	do.	C. Donaldson, Jr....	400
61	do.	J. H. Stunzi	240
62	do.	A. Silverthorne	480

Including coach house and stabling.

{ Re-assessed, building enlarged and improved, formerly assessed at Tls. 100.
"The Camp."

Lots of Land Assessed during the year 1877.

No. of Lot.	No. of Title Deed.	Area.	Where Regd.	Registered Owner.	Boundaries.	Assessed.
		<i>m. f. l. a.</i>				<i>per mow.</i>
1114	1107	6 0 0 0	Br. Con.	J., Matheson & Co.	N. { Property of Jardine } { Matheson & Co. } S. Half Peking Road E. { Property of Jardine } { Matheson & Co. } W. Temple	Tls. 400
1119	1112	0 9 1 0	"	H. J. Hannen.....	N. Woo's property S. { Eaves of Lot border- } { ing on Ningpo Road } E. Property of T. Hanbury W. Chow's property	" 1,000
1121	1114	18 0 0 0	"	Edw. B. Souper	N. Broadway S. { Shang. & Hongkew } { Wf. Co.'s property } E. Chao-foong Road W. { Shang. & Hongkew } { Wf. Co.'s property }	" 900
1129	1122	2 7 5 0	"	Henry Lester.....	N. Hiang-foong-loong S. Bath-house Road E. Property of Hsu W. Prop. of G. J. W. Cowie	" 1,200
1130	1123	2 3 4 4	"	O. B. Bradford ...	N. Kingo Kawasaki's land S. Chai-mow's land E. Koo's land W. Pau's land	" 200
1134	1127	1 4 3 9	"	T. W. Kingsmill	N. E's property S. Taiwan Road E. Chang's property W. Chu's property	" 1,000
1140	1133	14 0 0 4	"	F. G. Walsh	N. Mandarin Road S. High embankment E. Heun's & Tun's land W. Loo's land	" 50
1141	1134	2 4 0 0	"	W. Wheeler	N. Pao's fish-pond S. Water gate E. Woo's land W. Chi's land	" 50
1143	1136	2 0 0 0	"	Henry Lester.....	N. Half a Road S. do. E. Pan's property W. Loo's property	" 100
1144	1137	2 2 3 3	"	F. G. Walsh	N. { Property of Chee- } { chen and others } S. Japanese property E. O. B. Bradford's land W. Half a path	" 50
1146	1139	1 3 0 0	"	Henry Lester.....	N. Public Road S. Woo's grave yard E. Loo's property W. A small passage	" 300
1148	1141	2 0 8 5	"	Henry Lester.....	N. Hung's land S. Chang's land E. Fuhkien Road W. Ming's land	" 2,500

LOCAL POST OFFICE.

The work of the office during the year will be seen from the sub-joined table.

Correspondence passed.

To and from the Ports.										Posted in Shanghai for Town Delivery.		
Mails.		Total Mails.	Letters.		Newspapers.		Parcels.		Total Letters, Papers and Parcels.	Letters, Papers, Parcels, Newspapers and Circulars at Office.	Pillar Letter Boxes.	Expresses.
Despatched.	Received.		Despatched.	Received.	Despatched.	Received.	Despatched.	Received.				
3,361	1,745	5,106	71,041	75,158	58,220	6,610	10,351	1,919	223,299	251,014	8,127	1,688

Stamps.—A supply has been received from England of the following denominations:—20, 40, 60, 80 and 100 cash, and post cards of 20 cash.

Subscribers.—There were 78 on the list on 31st December.

Agencies.—Arrangements have been made with the Municipal Council at Hankow, and Messrs. Bradley & Co., Swatow, to distribute and receive mails.

The Community are indebted to Mr. Holcombe of the United States Legation at Peking for consenting to receive and distribute mails forwarded from this to Peking, and to make up a mail bag at the same place for Shanghai.

DUES ON MERCHANDIZE.

Transshipment Dues were abandoned from the 1st November, the tax being considered vexatious and amounting to but a small sum yearly.

Schellhass & Co.'s Case.—The following judgment was given in favour of this firm in proceedings instituted by the Council for recovery of dues on certain goods landed within the limits of the Settlement North of the Yang-king-pang.

GERMAN CONSULAR COURT.

SHANGHAI, 28th September, 1877.

In *re* MUNICIPAL COUNCIL *versus* ED. SCHELLHASS & Co. respecting a claim of Tls. 163.80.

The Imperial German Consular Court in Shanghai in its sitting of 27th September, at which was present Dr. KRAUEL as Judge, has declared that plaintiff is non-suited and has to bear the costs of the proceedings.

Grounds of Decision.

The plaintiff in the above action is the Council for the Foreign Community of Shanghai, North of the Yang-king-pang. The defendants are the German firm of Ed. Schellhass & Co. resident in the Concession Française in Shanghai.

The plaintiff asserts that the defendants are the owners or consignees of certain goods which at various times in the course of the current year have been landed within the bounds of the Communal District, North of the Yang-king-pang, and that they refuse to pay the Municipal dues leviable on these goods which amount to Shanghai Tls. 163.80. It is, therefore, sought to compel the aforesaid firm to pay the dues in arrear. The defendants reply that as inhabitants of the French Concession they are not subject to the tax regulations of the Municipality, North of the Yang-king-pang, and that they did not land the goods in question in the territory of the aforesaid Municipality, but in the French Concession. They, therefore, pray that the plaintiff may be non-suited.

Judgment, as above, was given on the following grounds:—

1.—The Municipal regulations for the International Concession in Shanghai which have been promulgated with the concurrence of the German Government, and have been notified in due course by this Consulate here, and have the "force of law" for all subjects of the Empire, declare in Art. 9 that the Annual General Meeting of the Ratepayers has, among others, the right "to impose other rates and taxes in the form of dues on all goods passed through the Chinese Custom-house by any person or persons resident within the said limits, or landed, shipped, or transhipped, at any place within the said limits, provided the said rates or taxes levied in the form of dues shall in no case exceed the amount of one-tenth of one per cent. on the value of the goods so passed, landed, shipped, or transhipped." By virtue of this article, the Municipality having been duly called into existence, in the year 1870, the dues here mentioned were noted for the first time and in the following terms:—That the Council for the Foreign Community of Shanghai, North of the Yang-king-pang, be hereby empowered.....to collect from *Foreigners and Chinese residing within the limits above-named*.....dues on all goods passed through the Custom-house, or landed, shipped, or transhipped by *persons resident within the aforesaid limits*. This construction was held unchanged throughout six years in the General Meetings in which the Budget was fixed, and it shews quite clearly that the right of the Council to levy these dues on goods was confined to such goods as were imported or exported by members of the Community within the boundaries of the Municipal territory. The tax was a personal one destined to fall upon the merchants living in the Settlement, North of the Yang-king-pang, according to the extent of their business, and for this purpose the value of the goods imported and exported under their names was taken as a basis. In the year 1876, it was sought to change the character of the tax with the object, as stated, of preventing the numerous evasions of the tax which were effected owing to certain merchants in the International Concession being in the habit of landing and shipping their goods through the agency of merchants residing on the French side. For this reason, the Council obtained power for the year 1876.....to collect from *Foreigners and Chinese residing within the limits above-named*.....dues on all goods passed through the Chinese Custom-house, by any person or persons residing within the said limits. This construction, which tallies with the wording of the regulations was, as appears from the explanation of the Chairman, as also from the "opinion" given by the Legal adviser to the Municipality, (see *Daily News*, 2nd March, 1876), understood to give the right to exact dues on goods, whether the owners or consignees belonged to the Municipal Community or not, *giving power irrespective of residence and giving power to get at the goods even if the owners reside without the limits*.

But still the Council, in spite of these increased powers, did not feel themselves secure in being able to collect dues on all goods landed or shipped within the limits of the Municipality, because these words stood in the way, viz: that all dues and rates were to be collected from Foreigners and Chinese *residing within the limits above-named*. To obviate this difficulty, at the General Meeting of the Ratepayers held this year, together with the introduction of the Budget, a resolution was brought forward and carried by the Meeting by which the Council was empowered to levy, collect and recover, from *all persons liable to pay the same*, the following taxes, amongst which the wharfage dues are set down in the terms already adopted in 1876.

It may be assumed for the purpose of this action, that the correct interpretation and that intended by the Lawgiver is the one regarding *dues on goods* first published last year, which states that the wharfage dues shall be also collected from goods, with which the merchants in the Settlement, North of the Yang-king-pang have no concern. In this way the tax would be simply an additional Export or Import duty, which would fall upon all merchandize as an addition to that stipulated in the treaties with the Chinese Government, and would thus bear the character of an *indirect* tax. The attorney of the plaintiff has adduced many weighty reasons for this construction with reference to the history of the origin of the ninth Article, and if there is, nevertheless, a doubt on the subject this is in the prime instance the fault of the Council itself, who, in the constant practice of six years, has steadily relied on the personal bearing of this tax, inasmuch as they have expressly limited its application to those goods which were imported or exported within its limits by residents of the Settlement situated North of the Yang-king-pang. Still, as above stated, it is not necessary that in the present instance this question be decided by the Court; for, even if the Court should accept the actual interpretation of the plaintiff as to the extension of the wharfage dues, the Council can never possess the right to enter a personal action for recovery of arrears of these dues against merchants who reside beyond the limits of the taxable territory, as do the defendants. If dues are to be levied upon the goods independently of their ownership, then the lien can only be upon such goods as are found within the taxable limits, and not upon the persons who are outside of them. Hence the Council has possibly the right to stop such goods as have not yet paid the Import and Export dues as long as these are within the limits of the International Concession, but their plaint can never lie against a party residing outside of the Municipal limits, who is thus not subject in *his person* to the tax ordinances of this Community. In other words, the authority of the Municipal Council to collect taxes is palpably limited to persons and goods *within* the Settlement, and does not extend to persons or goods outside the Settlement. Hence, if the power of the Municipal Council, cited by the plaintiff, "to collect and recover taxes from *all persons liable to pay the same*" is intended to apply to persons outside of the Settlement, North of the Yang-king-pang, then such power is null and void. It is possible that parties not members of the Community may be indirectly compelled to pay by levying the wharfage dues upon all goods entering within and leaving the limits of the Settlement, but the Municipality has no power to bring a direct plaint against them. Consequently the firm of Ed. Schellhass & Co., dwelling in the Concession Française is not the true defendant, even though in accordance with the Land Regulations of 1870, the goods as specified in the plaint, be held to be liable to duty; and thus the demand of the plaintiff must alone on these grounds be rejected.

2.—A second ground for considering the plaint unfounded is the place of the landing of the goods. According to the uncontested statement of the defendants, they landed the whole of the merchandize in question on the French

Concession, and stored them in their godowns there situated. The fact that these same goods, before they came into defendants' hands, were placed in the Shanghai and Hongkew and Jardine's Associated Wharves, for account of sundry Steamship Companies, cannot have the effect of rendering them liable to the Municipal Import tax of the Settlement, North of the Yang-king-pang. In reality the goods were imported into the French Settlement, and not into that on this side. The act of the landing was not rightly accomplished before the defendants had landed upon the French side the goods discharged on the Hongkew Wharves, and this is shewn by the notorious usage of the port that the Marine Insurance upon goods stored in the aforesaid wharves holds good for ten days, the goods being thus treated as though still on board ship. Hence a correct exposition of the fact cannot characterise the goods belonging to the firm defending the action as "landed within the limits of the Settlement, North of the Yang-king-pang," and as, consequently, subject to the taxation on this side. Had the defendants let their goods lie in the Hongkew Wharves after the expiry of the Marine Insurance, or, instead of landing them in the French Concession, had they removed them for storage to any part of the International Settlement, then the goods would have come within the control of the Municipality, and have thus been rendered liable to taxation in so far as the Council upon this side may be held to possess the right to collect dues upon goods landed or shipped by a firm resident on the French side.

The costs of the proceedings have to be borne by the plaintiff as the defeated party.

R. KRAUEL.

HONGKEW POLICE STATION.

About $7\frac{1}{2}$ mows of land have been purchased at a cost of Tls. 5,000, as a site for the new Police Station. To meet this expenditure and to provide funds for the buildings, Debentures will have to be issued as authorized by Resolution IX. passed at Ratepayers' Meeting of 6th March 1877.

ACCOUNTS.

The Financial Statement appended shows a surplus on the year's accounts of.....Tls.	11,812.07
Viz: Receipts	Tls. 242,781.85
Disbursements ... ,,	230,969.78

The Budget submitted by the Council estimated Revenue at.....Tls.	228,682.97
But at Ratepayers' Meeting (vide page 10 of Report) the subscription to Local Post Office was reduced from Tls. 50 to Tls. 30.....	,, 1,380.00

Giving an estimated Revenue of	Tls. 227,302.97
The Receipts aggregate	,, 242,781.85

Or an increase on the Budget of	Tls. 15,478.88
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Which is accounted for in comparative Statement appended.

The Expenditure recommended was.....Tls.	228,682.97
By Resolution XI an extra amount was voted for altering the line of the Yang-tsze-poo Road of	Tls. 1,200.00
And by Resolution XII a contribution to the Shanghai Museum	,, 250.00
	<hr/> 1,450.00

Leaving the Expenditure voted by Ratepayers	Tls. 230,132.97
The Disbursements have been	,, 230,969.78

Showing the Expenditure to have been in excess of Budget	Tls. 836.81
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WATCH MATTERS.

COFFINS ON NEW CEMETERY ROAD.

Representations have been made to the Taoutai through the Consular body relative to the deposit of coffins on the side of this road, and it was arranged that it be prohibited for the future, and that the coffins already on the ground be well covered with earth.

STANDS FOR BROUGHAMS ON BUND.

Application by Mr. Mawhood to stand three or four broughams on Bund, between Central Hotel and Club, was granted subject to certain conditions.

ESCAPE FROM THEATRES AND OTHER PUBLIC BUILDINGS IN CASE OF FIRE.

The following report has been drawn up by Messrs. Lester and Clark, and the recommendations contained therein communicated to the owners of the various properties concerned.

SHANGHAI, 15th May, 1877.

E. B. SOUPER, Esq.,

Secretary, Municipal Council.

DEAR SIR,—In accordance with instructions, we have carefully examined the Foreign and Chinese Theatres in the English Settlement (so called) for the purpose of ascertaining their means of egress, and what additional outlets they require, to enable any audience to easily escape from them in case of fire.

CHINESE THEATRES.—Are arranged upon an uniform plan, each comprise stage, pit, and gallery, the stage projects into the body of the house, and has a large space behind it for the actors.

The pit has raised seats on three sides, above which is the gallery.

The buildings are mostly erected in the ordinary Chinese style, with wood posts supporting the galleries, and the framing of the roofs, which are covered with tiles, the external walls being from 3 inches to 12 inches thick.

They are generally situated in crowded neighbourhoods, fronting private roads branching from a Municipal road, have only one available entrance, and join or are in close proximity to other Chinese structures, the whole surroundings being more or less blocked up.

It is unnecessary to particularly describe in detail each of the Chinese theatres, as they all have the following defects.

Only one main door-way, the doors of which open inwards, and the approach to them inside, much impeded by wood partitions, counters, &c.

No side door-ways of any practical use as outlets, they being either too small, or obstructed.

No easy means of escaping from the building into adjacent premises.

The floors to the galleries not strong enough, and the stair-cases insufficient.

The gas-jets too close to the wood-work.

The open spaces adjoining the building blocked up by materials and rubbish.

Without entering into an elaborate scheme, or putting the proprietors of the Chinese theatres to any large trouble or expense, the said defects in each theatre can be rectified as follows:—

Two main door-ways at least, each not less than six feet wide, with the doors opening outwards, and the approach inside kept clear from fixed impediments. The larger these door-ways are the better, as they are the only means of direct egress into a public road.

In each side wall at least one door-way, not less than six feet wide with the doors opening outwards, no locks, and only fastened with slight bolts, which can be easily forced away.

Provision to be made to allow of escape from the side door-ways into the adjoining premises, either by knocking away thin walls, or through other doors. It would be desirable to rent a house opposite each of the side door-ways, through which access could be gained into adjacent passage ways.

The gallery floor where necessary, to be strengthened, so as to be able to withstand any sudden weight upon one place, likely to be caused by a crowd of people pressing together in a panic.

The gallery to have four stair-cases, each at least four feet wide, strongly made, with substantial hand-rails so as to prevent people falling over, one stair-case to be on each side of the main door-way, and one on each side of the stage.

Care should be taken to keep the gas-jets away from the wood-work, in some instances they are only a few inches off.

The open spaces between the theatre and the adjoining premises should be kept clear, and where possible should be made to extend entirely round the building, so as to allow people to escape from the side door-ways, and also allow firemen to work.

Where the external walls are only three inches thick, the side door-ways are not of so much importance as when there are thick walls, as the thin brick-work can be easily knocked away, and the people escape into the adjacent premises by the thin walls and doors, or the houses provided for that purpose as before suggested, but this does not in the same manner apply to the gallery where these thin walls are dangerous, as they would be thrust out by the pressure of people against them,

many of whom would be pushed over the side, and falling with the wall upon the people below, severely injure themselves and others, and probably be disabled from escaping from the fire.

It would be advisable to fix some strong railings between the posts in the gallery to prevent any one falling over.

Where the external walls are ten or twelve inches thick, the side door-ways are most important, as the walls are too strong to be readily knocked away, and as a Chinese theatre has only the main door-way of any practical use to people as an easy and rapid way of egress in case of fire, and should this door-way accidentally get blocked up, the result would be serious, more especially for the female portion of the audience.

There are seven Chinese theatres in the English settlement, situated as follows:—

1. On the North side of the Nankin Road between the Quangse Road, and Yin-wo-ka, Municipal number *P* 399.

1. On the South side of the Nankin Road between the Fuhkien and Shansi Roads, Municipal number *P* 637.

1. On the East side of the Fuhkien Road between the Hankow and Foochow Roads, Municipal number *G* 100.

1. On the East side of the Fuhkien Road between the Foochow and Canton Roads, Municipal number *G* 155.

2. On the North side of the Canton Road between the Fuhkien and Shantung Roads, Municipal numbers *L* 174 and *L* 195.

1. On the West side of the Tsing-yo-ka between the Canton Road and Nae-zang-ling, Municipal number *K* 238.

There are no theatres in Hongkew.

LYCEUM THEATRE.—Is detached, and substantially constructed in the foreign manner, with external brick walls, and roof covered with tiles.

The internal arrangements consist of stage with dressing rooms behind—pit, stalls, dress circle, and gallery.

Large means of egress has been provided for all parts of the building, and which can be considerably increased in case of emergency by opening doors communicating with the different stair-cases, but we notice that some of these doors have locks and keys, which is objectionable, as in a time of excitement among a crowd of people, the locks may be disarranged or the keys knocked out or dropped, when it may be impossible to open the doors.

We suggest that the locks be removed and a slight bolt put instead, and if the doors were made to be taken off the hinges it would be advantageous, as a crowd of people pressing against a door on both sides at one time, it would be difficult to open, but it could easily be taken off the hinges and moved on one side.

It appears to us that it would be judicious to strengthen the railing to the gallery stairs, as it is apparently rather slight to resist the pressure of a crowd of people forcing their way down stairs.

It would have been better had the two stairs in the proscenium been made wider, so as to permit the audience from the dress circle and gallery escaping down them on to the stage in the event of a fire occurring to the front part of the building near the main entrance.

GERMAN THEATRE.—Is detached, but is very close to some Chinese houses, it is built with external brick walls and roof covered with shingle.

The internal arrangements comprise stage, stalls, and dress circle.

Ample egress is provided by means of two large door-ways, and also an additional door from the dress circle opening on to a wooden stair-case, but this stair-case does not appear to us to be strong enough, and great care should be taken that it is always thoroughly sound, otherwise it may not be capable of sustaining the weight of a number of people.

MASONIC HALL.—Is a substantial foreign structure, erected with brick walls and roof covered with tiles.

At the back of the building on the upper story is a large hall, occasionally used for public purposes.

There is only one stair-case which leads from the hall through the front portion of the building, this is sufficient, but it would be judicious to have another stair-case at the back of the hall next to the platform, so as to enable people to escape by it if necessary in the event of a fire occurring in the front part of the building.

TEMPERANCE HALL.—Is on the upper floor of a foreign building constructed with brick walls and roof covered with tiles.

The egress is through one main door-way opening on to a stair-case, there being another external wooden stairs at the back of the hall next to the platform, this is sufficient but great care should be taken that the wooden stair-case is always sound, and capable of sustaining the weight of a number of people liable to avail themselves of it on an emergency.

Generally the foreign public buildings in Shanghai have sufficient means of egress for the number of people which they can hold, and certainly have as much as is usually given elsewhere, the great objects should be to always have these means of egress available, and the wooden stair-cases, &c. strong and in sound condition, and to secure this it would be desirable that all places of public resort should be periodically inspected—say once every three months.

We are, dear Sir,

Yours faithfully,

HENRY LESTER,
Architect and Surveyor.

C. B. CLARK,
Acting Surveyor, Municipal Council.

MALOO MARKET.

In consequence of repeated complaints about the crowded state of the Nankin Road during the early morning the Council have carefully considered the advisability of removing the Market, and have decided merely to bring the subject before the Ratepayers, at the same time suggesting the Hupeh Road as the most suitable for the purpose.

CLOSING OF PAWNSHOPS.

As a matter of good order it has been resolved to close all pawnshops at 10 o'clock at night, the evidence of the Police going to confirm the opinion that all legitimate business can be transacted by that hour.

LOCK HOSPITAL.

With the concurrence of the French Council, the fee was reduced on 1st April from \$2.50 to \$1.00

Contribution from H. B. M.'s Government.—The following letter has been received from Admiral Ryder:—

SIR,—I have heard with great interest that although the "Lock" question has not yet met with complete success, yet that 36 women are registered. I trust that nothing will induce the Municipal Council to abandon the position they have taken up, but rather to push on.

I am about to return to England. I shall make it my first duty to endeavour to obtain from the Admiralty a recognition of the proceedings of the Municipal Council of Shanghai, *in re* prostitution, in the substantial shape of a grant (annual) towards the expenses incurred.

I am, Sir,

Your obedient Servant,

ALFRED P. RYDER,

Admiral, Commanding-in-Chief.

*The Chairman of the MUNICIPAL COUNCIL,
Shanghai.*

LIGHTING.

In consequence of complaints as to the bad lighting of the Settlement, the following letter was addressed to the Chairman of the Gas Company.

SHANGHAI, 3rd December, 1877.

THE CHAIRMAN,
Shanghai Gas Company.

SIR,—I have been desired by my colleagues to inform you of the substance of a report by the Superintendent of Police on the lighting of the Settlement.

The public lamps, in the early part of the evening, burn very dimly. From about 7.30 P.M. till midnight they are brighter,—but after this, pressure would appear to be taken off, as the light is bad for the remainder of the night.

The Council are glad to notice, however, that there has been some improvement during the last week or so, and they will be pleased to hear that complaints as to the quality of the gas have been anticipated by the directors.

Still the general opinion is that, in view of the large sum, approaching in the course of a year to \$20,000, now paid by the Municipality for the lighting of the Settlement, a better standard than has been the case hitherto should be maintained; and the Council think they have only to bring the above to your notice to ensure the matter receiving your earnest attention.

I am, Sir,

Your obedient Servant,

J. HART,

Chairman.

THE SHANGHAI GAS COMPANY,

4th December, 1877.

J. HART, Esquire,

Chairman, Municipal Council.

SIR,—I am directed by the Chairman of this Company to acknowledge the receipt of your letter of the 3rd instant, and to say that it will receive the Directors' attention at their earliest.

I am, Sir,

Your obedient Servant,

GEO. J. YEO,

Engineer and Secretary.

NUISANCES.

Messrs. Müller & Fisher's Sawmill.—The Council, after carefully considering a complaint that the working of the sawmill was a nuisance, found that it was not of a nature to warrant their interference.

Regulations have been put in force for controlling the conveyance of bales of cotton, and other bulky matter through the streets of the Settlement.

Blowing of horns by omnibusses having been complained of as a nuisance, it has been stopped.

RULES OF THE ROAD.

Have been printed in Chinese, and handed to all the Livery Stables, and the owners called upon to make the rules known to the mahfoos sent out with carriages, &c.

LICENSES.

Tavern "Welcome."—The owner of this tavern having transferred his license to another person contrary to the terms thereof, it was decided not to renew the license at the end of the quarter.

REMOVAL OF NIGHT SOIL.

Certain Native owners of property wishing to remove the night soil from their houses themselves, permission was granted, satisfactory security in the sum of \$500 being required as a guarantee for the proper carry-

ing on of the work, and the right reserved of withdrawing the permission given at any time which may seem fit to the Council.

MARKET BRANCH.

Markets.—The Inspector of Markets reports that the markets have, during the year, been well supplied with good and wholesome articles of food, fresh vegetables especially have been unusually plentiful, but the quality of beef has not been so good as was the case in 1876 being frequently thin and poor for want of good feeding. No meat has been seized in the markets, the Inspector being able by his daily visitations, to prevent animals unfit for consumption being received at the slaughter houses—the rejected animals are marked and kept in view until they are disposed of at the boiling down establishments.

During the year there have been killed for the Foreign market: 5,576 oxen, 9,283 sheep, 1,085 calves, and 242 English bred pigs.

No epidemic disease has appeared amongst the cattle, and it is believed that this is the only year that it has been absent since its first appearance in 1868. A rather suspicious case occurred in October last, but as it was solitary, and there has not been a sign of anything of the kind since, it may fairly be concluded that it was merely ordinary disease.

NUISANCE BRANCH.

The Inspector of Nuisances reports that the roads and alleys have been swept and cleaned as usual—the roads twice and the alleys once, daily. The garbage collected is removed in boats beyond the limits of the Settlement. The quantity of refuse collected during the year has been 19,740 cart loads, and the mud scraped from the roads has amounted to 707 cart loads.

Ninety-seven nuisances have been reported, most of which have arisen from choaked drains in the Native quarters of the Settlement. These have, in nearly all instances, been readily attended to by the owners or agents of the various properties.

During the cholera visitation of last summer every possible care was taken to abate nuisances as soon as discovered, and especial care was taken to keep the Native parts of the Settlement as clean as possible.

Additional coolies were employed and two foreigners were temporarily engaged to assist in the work. Disinfectants were freely used.

Increased latrine accommodation is still needed in some parts of the Settlement, as unless more places are provided, it is impossible to entirely prevent nuisances on the various pieces of waste land.

The night soil contractor has performed his work satisfactorily, except in a few instances when fines were inflicted according to the conditions of his contract.

VISITATION OF CHOLERA.

Every means within the power of the Council were taken to prevent the spread of this epidemic. Large quantities of disinfectants were purchased and used plentifully on the public roads, alley-ways and waste land. Extra coolies were engaged in cutting and burning rank weeds on waste land, and as watchmen to prevent nuisances. Measures were also taken to disinfect Native houses where deaths from cholera had occurred.

REMOVAL OF RUBBISH FROM THE SETTLEMENT.

With a view to the speedy removal of rubbish, the following circular was issued inviting the co-operation of the residents in this work.

CIRCULAR.

MUNICIPAL COUNCIL,

17, Kiangse Road,

SHANGHAI, August, 1877.

To _____

The Council request that on and after 1st proximo, ashes, dust and other rubbish, (not night soil) be collected and kept in a basket until the nuisance cart calls round.

They find that owing to such refuse matter being deposited on the roads for removal, it is necessary to employ a larger staff of coolies and more time is taken up in cleansing the thoroughfares of the Settlement than would otherwise be needed. Some improvement in this respect seems therefore to be called for, and the Council invite the co-operation of the residents, and draw their attention to the following

DIRECTIONS.

The dust, ashes, and rubbish should be collected and kept in a basket until the cart comes round.

The basket should either be placed beforehand at the entrance to your premises ready for the cart, or

Brought to the gate by one of your servants on hearing the cart in the street.

The cart will pass your door twice daily and will give warning of its approach by a bell.

The Council would ask you to be good enough to give such orders to your servants as will ensure this regulation being observed.

I am,

Your obedient Servant,

EDWARD B. SOUPER,

Secretary.

The suggestions were acted on for a time, but the Council regret to state that with few exceptions the old system of depositing ashes, dust, and rubbish on the sides of the roads has been adhered to.

LEKIN TAXES.

In consequence of the new Lekin regulations which have come into force, the Council gave instructions to the Police that on and after the first day of the first moon of the third year of Kwangsu, (February 13th, 1877,) the collection of Lekin taxes levied upon Foreign merchandize, imported by Foreign merchants, and held within the limits of the Foreign Settlement of Shanghai, whether by Foreigners or Chinese, was not to be recognized—and that steps be taken to prevent any attempt at such collection.

JIN-RIK-SHAS.

Have been inspected monthly and licenses issued only for those in good order. The number allowed to ply for hire has been restricted to 1,500 a month.

WHEELBARROWS.

The number licensed during the year has averaged 2,123 per month.

DOGS.

During the year a number of diseased dogs have been destroyed.

CRIME.

The Superintendent of Police reports:—"There has been a slight increase in the number of persons apprehended for larceny, and this is no doubt caused by the extension of Police beats, and increase of population. There has been no crime committed of a serious nature.

"Sentencing old thieves to longer terms of imprisonment has had a good effect. They do not like either the confinement, or the work on the public roads. For this improvement in dealing with professional criminals we are indebted to A. Davenport, Esq., H. B. M.'s Consul, who when sitting as Assessor at the Mixed Court refused to agree to this class of criminals being sentenced to short terms of imprisonment."

DESTITUTE FOREIGNERS.

The Superintendent of Police reports:—"There were eight sick, destitute persons, in the free beds at the General Hospital on the 1st January, 1877. During the year 31 poor persons were sent to the Hospital and admitted—of these two are still in Hospital—32 were discharged well, and five died. The service thus rendered is equivalent to one patient being in Hospital for 1,825 days."

RETURN OF FOREIGN PRISONERS ARRESTED BY THE MUNICIPAL POLICE,
FROM 1ST JANUARY TO 31ST DECEMBER, 1877.

	<i>Assault.</i>	<i>Cutting and wounding.</i>	<i>Desertion.</i>	<i>Drunk and incapable.</i>	<i>Drunk and riotous.</i>	<i>Furious riding.</i>	<i>Larceny.</i>	<i>Misde- meanor.</i>	<i>Vagrant.</i>	<i>Total.</i>
January	6	...	3	19	9	...	2	4	...	43
February	1	...	1	13	4	...	...	...	...	19
March	3	...	3	10	6	...	4	...	...	26
April	5	...	3	7	4	...	...	...	...	19
May .....	...	...	2	9	...	...	...	...	1	12
June	1	...	2	16	5	...	1	...	...	25
July	3	...	3	14	5	1	...	2	...	28
August	5	1	2	11	3	...	...	...	...	22
September	2	...	1	11	4	...	...	...	...	18
October	2	...	4	18	4	...	...	...	...	28
November	3	...	2	18	8	...	4	2	...	37
December	3	2	1	26	5	...	2	...	...	39
	34	3	27	172	57	1	13	8	1	316

RETURN OF CHINESE TAKEN INTO CUSTODY BY THE MUNICIPAL POLICE FORCE,
FROM 1ST JANUARY TO 31ST DECEMBER, 1877.

	<i>Absconding.</i>	<i>Assault.</i>	<i>Burglary & house-breaking.</i>	<i>Committing nuisance.</i>	<i>Cutting & wounding.</i>	<i>Drunkenness.</i>	<i>Firing crackers.</i>	<i>Forgery.</i>	<i>Fraud.</i>	<i>Furious riding.</i>	<i>Gambling.</i>	<i>Kidnapping.</i>	<i>Larceny.</i>	<i>Larceny by servants.</i>	<i>Loitering.</i>	<i>Manslaughter.</i>	<i>Misdemeanor.</i>	<i>Obstruction.</i>	<i>Receiving stolen property.</i>	<i>Riotous & destroying property.</i>	<i>Robbery.</i>	<i>Shouting & creating disturbance.</i>	<i>Squeezing.</i>	<i>Uttering.</i>	<i>Vagrancy.</i>	<i>Total.</i>
January ...	2	20	5	3	...	9	4	1	...	...	43	2	95	4	2	...	18	23	5	3	...	17	...	...	324	580
February ...	...	14	6	3	...	11	12	...	...	...	10	2	62	...	9	...	13	10	3	5	...	15	...	1	438	614
March .....	...	16	5	...	1	11	1	...	1	...	75	...	78	6	13	...	32	3	1	13	...	21	1	1	423	702
April	2	32	9	4	1	8	3	...	1	...	9	...	107	5	7	...	50	17	3	6	...	30	1	1	241	537
May .....	...	23	11	3	1	10	...	...	...	...	18	5	88	5	3	...	64	10	2	3	3	23	1	...	272	545
June	2	23	3	11	...	12	4	...	...	...	17	...	78	3	7	...	36	11	2	7	...	32	...	...	233	481
July .....	...	32	8	3	...	6	2	4	2	...	3	3	92	3	3	1	18	...	3	8	...	42	...	...	175	408
August ...	...	41	5	5	...	8	6	1	3	1	1	4	95	7	1	...	34	21	4	16	...	47	2	...	185	488
September ...	...	16	1	146	...	7	1	1	1	...	9	1	81	13	5	...	27	7	2	5	...	24	1	...	260	608
October.....	3	18	8	42	1	8	1	...	...	1	8	1	82	4	4	...	37	4	6	5	...	46	...	1	259	539
November...	1	15	3	19	...	10	1	...	3	1	32	...	81	4	1	...	24	...	...	1	...	20	...	...	391	606
December...	1	10	8	9	...	12	...	...	...	2	...	...	86	5	1	...	27	...	1	5	...	33	1	...	542	743
	11	260	72	248	4	112	35	7	11	5	225	18	1025	59	56	1	380	106	32	77	3	350	7	4	3743	6851

In addition, 1896 Jin-rick-sha coolies have been arrested for breach of the terms of their licenses.

CONDITION OF CHINESE PRISONERS APPREHENDED BY THE MUNICIPAL POLICE FORCE,
FROM 1ST JANUARY TO 31ST DECEMBER, 1877.

	Neither read nor write.		Read only or read & write imperfectly.		Read & write well.		Known thieves.		Unknown thieves.		Opium smokers.		10 and under 20 years.		20 and under 30 years.		30 and under 40 years.		Upwards of 40 years.		Total.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Absconding	10	...	...	...	1	...	1	...	10	...	1	...	...	...	6	...	5	...	...	...	11
Assault	213	5	29	...	13	...	13	...	242	5	22	1	32	2	121	2	73	...	29	1	260
Burglary and house-breaking ...	63	...	6	...	3	...	34	...	38	...	46	...	6	...	35	...	30	...	1	...	72
Committing nuisance	224	...	15	...	9	...	...	...	248	...	17	...	22	...	98	...	79	...	49	...	248
Cutting and wounding	3	...	...	...	1	...	1	...	3	...	...	...	...	...	3	...	1	...	...	...	4
Drunkenness	92	...	16	...	4	...	6	...	106	...	12	...	4	...	61	...	35	...	12	...	112
Embezzlement .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Firing crackers	24	4	3	...	4	...	...	...	31	4	...	...	4	...	13	2	9	...	5	2	35
Fraud	5	...	6	...	...	...	2	...	9	...	2	...	...	...	9	...	2	...	...	...	11
Forgery .....	...	...	4	...	3	...	...	...	7	...	1	...	...	...	3	...	4	...	...	...	7
Furious riding	4	...	...	...	1	...	...	...	5	...	...	...	...	...	3	...	2	...	...	...	5
Gambling	170	...	36	...	19	...	6	...	219	...	69	...	7	...	60	...	102	...	56	...	225
Kidnapping	15	2	1	...	...	...	1	1	15	1	3	...	1	...	6	...	9	...	...	2	18
Larceny	890	6	90	...	39	...	218	...	801	6	527	...	90	...	526	4	298	2	105	...	1025
Larceny by servants	44	...	12	...	3	...	2	...	57	...	5	...	10	...	34	...	13	...	2	...	59
Loitering	49	...	5	...	2	...	26	...	30	...	31	...	7	...	34	...	10	...	5	...	56
Manslaughter	1	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	1
Misdemeanor	354	3	17	...	6	...	21	...	356	3	109	...	20	...	153	...	134	1	70	2	380
Obstruction	103	1	2	...	...	...	2	...	103	1	13	1	6	...	57	...	32	1	10	...	106
Receiving stolen property	21	1	5	...	5	...	5	...	26	1	10	...	1	...	4	...	11	...	15	1	32
Riotous, destroying property ...	71	...	3	...	3	...	1	...	76	...	8	...	1	...	48	...	26	...	2	...	77
Robbery	3	...	...	...	...	...	...	...	3	...	...	...	2	...	1	...	...	...	...	...	3
Shouting, creating disturbance	306	3	34	...	7	...	14	...	333	3	53	...	18	...	160	...	124	3	45	...	350
Squeezing	6	...	...	...	1	...	...	...	7	...	3	...	...	...	3	...	4	...	...	...	7
Uttering	3	...	1	...	...	...	1	...	3	...	1	...	...	...	1	...	2	...	1	...	4
	2674	25	285	...	124	...	355	1	2728	24	934	2	231	2	1440	8	1005	7	407	8	3108

RETURN OF PUNISHMENTS INFLICTED ON CHINESE PRISONERS APPREHENDED BY THE MUNICIPAL
POLICE FORCE, FROM 1ST JANUARY TO 31ST DECEMBER, 1877.

	Blows.			Cangue.			Imprisonment.				Blows, Cangue & Imprison.					Fined.	Referred to City.	Remanded.	Warned.	Dismissed.	Total.	
	Not exceeding 50	Upwards of 50 not exceed. 100	Upwards of 100	Not excc. 7 days	Upwards 7 days not excc. 1 month	Upwards 1 mon.	Not excc. 7 days	Upwards 7 days not excc. 1 month	Upwards 1 mon. not excc. 6 mos.	Upwards 6 mos.	Not exceed. 100	Upwards of 100	Not excc. 1 mon.	Upwards 1 mon.	Not excc. 6 mos.							Upwards 6 mos.
Absconding.....	...	1	2	...	...	...	1	...	...	...	3	...	...	3	...	...	3	1	...	...	...	11
Assault.....	4	21	3	12	6	3	32	7	6	3	16	3	12	6	...	1	67	...	15	17	45	260
Burglary & house-breaking	...	3	...	1	3	9	...	3	3	6	27	10	15	11	7	2	...	5	1	...	1	72
Committing nuisance.....	...	1	...	1	...	...	84	2	...	...	...	...	...	...	...	...	151	...	5	2	2	248
Cutting & wounding.....	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	1	...	...	4
Drunkenness .....	...	5	...	...	...	...	37	...	...	...	...	...	...	...	...	...	26	...	1	21	22	112
Firing crackers .....	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	33	...	...	...	1	35
Forgery .....	...	...	...	...	1	...	...	...	3	3	...	...	...	...	...	...	...	...	...	...	...	7
Fraud .....	...	...	...	3	...	...	...	1	1	1	...	1	...	1	...	...	1	1	2	...	...	11
Furious riding.....	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	4	...	...	...	...	5
Gambling.....	...	18	1	2	7	3	1	69	6	8	11	9	6	11	2	1	78	2	1	9	...	225
Kidnapping .....	...	...	...	...	...	...	...	...	2	...	2	...	...	2	...	...	...	10	1	...	3	18
Larceny	24	104	11	54	160	17	43	89	60	31	140	44	97	68	24	16	30	52	69	13	82	1025
Larceny by servants	2	3	...	1	3	2	2	2	6	1	4	2	2	1	3	...	11	...	5	...	11	59
Loitering	3	6	5	4	6	1	3	8	6	1	1	2	...	2	1	...	...	6	3	1	...	56
Manslaughter .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1
Misdemeanor	8	9	3	21	4	1	26	42	...	...	12	3	2	10	3	...	198	6	15	15	17	380
Obstruction	6	4	...	8	...	...	40	1	...	...	2	...	2	...	...	...	23	1	...	9	12	106
Receiving stolen property...	...	...	...	1	...	1	...	4	1	1	1	...	1	1	1	...	15	1	1	1	4	32
Riotous & destr'ing property	1	5	1	4	1	...	8	4	2	...	3	1	3	...	1	...	31	...	6	3	7	77
Robbery .....	...	...	...	...	...	...	...	...	...	...	3	...	...	...	3	...	...	...	...	...	...	3
Shouting & creating disturb.	7	14	...	12	5	...	76	3	3	...	5	1	5	...	1	...	63	4	34	53	70	350
Squeezing .....	...	...	...	...	1	...	1	...	...	2	1	...	1	...	...	...	1	...	...	1	...	7
Uttering .....	...	...	1	...	1	...	...	...	...	...	1	...	...	1	...	...	...	...	1	...	...	4
	55	194	27	124	198	37	356	235	98	59	227	81	146	115	45	23	735	92	161	145	277	3108

HEALTH OFFICER'S REPORT.

1877.

DEATH RETURNS.

The deaths of eighty-five Foreigners have been registered in Shanghai during 1877. A tabular statement of these will be found at page 36 of this Report. At page 37 I have attempted as formerly, to separate the deaths which took place among the residents, from those which occurred among the non-residents, the latter being chiefly represented by the sailors who visit the port; in making this division I have regarded six months spent in Shanghai as constituting residence.

The deaths of 11 young children have been registered during the year, and these will be found tabulated at page 37. The deaths of 7 females have been registered, but of these 3 are children under 3 years of age.

Nationality was registered in 80 cases, the distribution being as follows:—Great Britain 47, America 14, Germany 6, Denmark 2, Russia 2, Norway 2, Switzerland 2, Sweden 1, Canada 1, Holland 1, Peru 1. Besides these the death of one Eurasian was registered.

Age was ascertained in eighty-four cases:—

Under 1 year	7	
Over 1 year and under 10.....	3	adult
" 10 " 20.....	5	residents.
" 20 " 30.....	15	6
" 30 " 40.....	31	14
" 40 " 50.....	15	12
" 50 " 60.....	6	1
" 60 " 70.....	2	2
Total.....	84	35

For the sake of comparison with former years the table of death rates given in the last Report may be extended. The population—resident and non-resident—is estimated at 3,000, a convenient number, which probably nearly approaches the truth.

In 1870, deaths registered 103—death rate 34.3 per 1,000.

" 1871,	"	99	"	33.0	"
" 1872,	"	101	"	33.6	"
" 1873,	"	90	"	30.0	"
" 1874,	"	83	"	27.6	"
" 1875,	"	67	"	22.3	"
" 1876,	"	69	"	23.0	"
" 1877,	"	85	"	28.3	"

SPECIAL DISEASES OF THE YEAR.

Cases of *Enteric Fever* have been of more frequent occurrence during 1877 than in former years, and five deaths are registered as due to this disease.* From the history of the individual examples which I have myself had an opportunity of investigating, I am not warranted in making other or more definite deductions than those published in my Report for 1873; but it is right to mention, that two cases which occurred during the year in one house in the English Settlement, were considered by the Medical attendant as directly connected with the public drain in the immediate neighbourhood, and the facts shewed that such an origin was at least probable. On the whole, the distribution of the fever has been general throughout the Settlements; I have seen examples in Hongkew, the English Settlement and the Bubbling Well Road, and have heard of cases as occurring in the French Concession also. Several children were attacked, the disease in one or two instances being of exceptional severity, although terminating in recovery.

Between the 25th of June and the 6th of November sixteen deaths were registered among Foreigners as due to *Cholera*. The following letters give a sufficiently concise account of the influence exercised by this disease on the health of the population, and the suggestions regarding special sanitary precautions, embodied in the first, are worth preserving for future reference:—

SHANGHAI, 7th September, 1877.

To the Chairman of the
MUNICIPAL COUNCIL.

SIR,—It is now, I regret to say, my duty to warn the Council officially of the possibility of cholera visiting Shanghai in an epidemic form. The following is a short statement of the facts on which I base my apprehension:—

a. On the 26th of June the Municipal tax-collector died, under my care, of cholera; the disease was of a bad type; his illness was only of about 18 hours duration; he died in the stage of collapse. On the 13th and 15th of July I saw two cases in private practice which presented the usual symptoms of true cholera, but the type was much less severe; these patients recovered. On the 25th and 26th of August the deaths of two residents were returned as deaths from “cholera.” These cases were under the care of Drs. Gottburg and Little, and I have ascertained by direct inquiry, were undoubtedly examples of cholera in a malignant form. Both these cases were rapidly fatal. They appear to have had some connection with a recent disturbance of the soil (see Dr. Little’s letter of

* In 1871, 4 deaths from Enteric Fever.

1872, 1	“	“
1873, 2	“	“
1874, 4	“	“
1875, 2	“	“
1876, 3	“	“

September 3rd). On the 29th of August I attended, along with Dr. Zachariae, a case of true cholera, of moderate severity, in a house in the North Soochow Road; this patient is now convalescent. On the 4th of the present month I saw a case in the General Hospital under Dr. Little's care; the patient was a sailor from the *Corea*; death followed an illness of some 24 hours duration. On the 5th I had another case in my own practice—a child of about 3 years of age; it is still doubtful whether death or recovery will terminate this. To-day (the 7th) two cases have been admitted to the General Hospital; one, a sailor from the *Corea*, whose recovery is expected, and one, a Hongkew resident, who has already succumbed after a few hours illness.

b. From the date of the first of these cases (June 25) the type of diarrhœa in Shanghai has been choleraic; that is to say, attacks of diarrhœa have been sudden, unaccountable, usually attended by troublesome vomiting, occasionally accompanied by cramps of the extremities, and specially characterised by the profusion and watery character of the discharges.

c. Cholera of a bad type was reported as prevalent at Amoy as early as the 4th of July, when the Commissioner of Customs at Shanghai received the intelligence by telegraph. We now learn that it prevails, and that a bad type has also been recognised at Foochow, Newchwang and Tientsin. It is right to state that in these places the Natives seem to be the chief sufferers. Regarding the native population of Shanghai I have no certain information at present. I hear that cases are occurring from time to time both in the native quarters of the Settlement and in the native city.

May I now be permitted as a supplement to the foregoing, to offer a few practical suggestions as to the preparations which should in my opinion be made to meet the impending danger.

I. *Concerning the Settlement Generally:*

1. An endeavour should be made to secure as far as possible that every case of cholera be reported at once directly to the Police; who may then, without delay, take the necessary steps to disinfect the building in which the case occurs, and, if necessary, to destroy bedding, &c.

2. All nuisances should be from this date dealt with summarily under Bye-Law XXIX of the New Land Regulations. The public might be notified of this by advertisement, as was done in August of 1873.

3. Special attention should be paid to the condition of 'waste lands' within the Municipal limits or in the immediate vicinity of the Settlement. All garbage and excrement should be carefully removed from such situations; the rank weeds should be cut down and burned; and quicklime and powdered charcoal liberally strewed wherever dirt has already been deposited. How far such work is the duty of the proprietor may be decided in each case, but the work must be done promptly and thoroughly. Land owners should be called on to enclose their property unoccupied by houses. The Natives should be prevented by watchmen or otherwise from depositing excrement in such places, temporary (or permanent) latrines being built for their accommodation where such seem required and have not yet been provided.

4. Carbolic acid might with advantage be added to the water used for watering the streets— $\frac{1}{4}$ of a pint to the 150 or 200 gallons which the water carts contain. Should cholera become prevalent the engines of the Fire Department might be usefully employed to wash down alley-ways and the side channels of the streets, a dilute solution of carbolic acid being also used for this purpose.

5. That all this work may be efficiently carried out, an increase in the staff of the Nuisance Department will certainly be required; and I should further recommend that the Council's stock of disinfectants be increased by purchase from

the local stores, and from Hongkong. Regarding disinfectants generally I may remark, that, although carbolic acid and its compounds will probably find most favour, yet Chloride of Lime, Condy's Fluid, the Chlorides of Zinc and Lead, Copperas, Quicklime and Charcoal are all useful, and may be provided as opportunity permits or occasion requires. Should the weather change, Dry Earth might be easily procured and be of considerable service.

Were the Settlement divided into districts and a visiting committee appointed, I feel certain that much good of a lasting kind would be effected. This is a plan of action which specially recommends itself to me, and which has repeatedly rendered good service under similar circumstances in Europe.

II. *Concerning the Municipal Police and the Police Stations:*

The Police barracks in Hongkew do not in my opinion provide suitable accommodation for the men, and it is to be hoped that before long the Council will be able to carry out the change there which has been so long contemplated. In the meantime I would draw special attention to the objectionable position of the cells, immediately under the quarters assigned to the foreign constables. Should cholera become at all prevalent, the risks attending the detention of prisoners in these cells would be considerable. None of the police cells (at any of the Stations) are fitted or intended for anything save the temporary confinement of prisoners. No lengthened term of imprisonment should be permitted to be carried out in such places. I recommend that the commodes, at present placed in the cells (at all the Stations) for the use of the prisoners, be at once removed, and that temporary (or permanent) latrines be provided in the yards. It will be my duty to see that [the] medicine chests at all the Stations are fully stocked with such remedies as experience has shewn to be useful in cases of emergency. I have recommended that a daily dose of Quinine be administered to the men, as a preventive measure which at least deserves trial. The constables should be instructed to wear cholera belts, especially those employed on night duty. The latrines used by the officers and men should be disinfected daily. The water used at the Stations should be carefully boiled and filtered before being drunk.

I am, Sir,

Your obedient Servant,

EDWARD HENDERSON,

Health Officer and Municipal Surgeon.

SHANGHAI, 31st October, 1877.

*To the Secretary of the
MUNICIPAL COUNCIL.*

SIR,—In compliance with the Council's request conveyed to me in your letter of the 12th instant, I beg to submit the following:—

In my memorandum dated September 7th, I ventured to warn the Council "of the possibility of cholera visiting Shanghai in an epidemic form." I regard the facts which I have now to state regarding the progress of that disease during September, as placing the propriety of my action beyond question.

Cholera has in my opinion been epidemic in Shanghai and its neighbourhood during the whole of the past month, sensibly affecting the death rate of the foreign population, and causing a considerable mortality among the natives. The reports which have reached us from time to time of serious out-breaks of the same disease at Amoy, Foochow, Newchwang, Tientsin, and lately at Naga-

saki and Yokohama, favour my view, and shew the epidemic influence to have been wide-spread.

The following are the Shanghai death returns for Foreigners. They are extracted from the Official Register. Each death is certified by the Doctor in attendance to be due to "cholera." Of the twelve, seven are "residents," the remaining three are sailors. With the exception of the last—a boy of ten years of age—all are adult males.

1.	June 25th,	duration of illness	24 hours.	
2.	Aug. 26th,	"	"	6 "
3.	" 28th,	"	"	26 "
4.	Sept. 3rd,	"	"	not stated.
5.	" 9th,	"	"	14 hours.
6.	" 13th,	"	"	14 "
7.	" 14th,	"	"	6 days.
8.	" 7th,	"	"	6 hours.
9.	" 16th,	"	"	20 "
10.	" 22nd,	"	"	5 days.
11.	" 23rd,	"	"	9 hours.
12.	" 28th,	"	"	55½ "
13.	Oct. 6th,	"	"	9½ "
14.	" 26th,	"	"	12 days.
15.	" 27th,	"	"	1 "
16.	Nov. 5th,	"	"	not stated.

} Added subsequently to complete the table.

For obvious reasons I have found it impossible to obtain any perfectly trustworthy information regarding deaths among the Natives, but the following have been reported to the Police as deaths from cholera within the limits of the Foreign Settlements, North of the Yang-king-pang Creek.

On the 4th September, 2 deaths.

6th	"	1	"
7th	"	4	"
8th	"	3	"
9th	"	2	"
10th	"	2	"
11th	"	5	"
12th	"	3	"
13th	"	9	"
15th	"	6	"
18th	"	2	"
19th	"	1	"
20th	"	3	"
21st	"	3	"
29th	"	1	"

A total of 47 deaths during the month. These returns fall considerably short of the real numbers. They do not include 5 deaths which took place between the 27th of August and 2nd of October in Dr. Johnston's Hospital in the Shantung Road.

Regarding the neighbouring villages I have ascertained the following:—

Village close to the Horse Bazaar, about 1,000 inhabitants, 32 deaths. Village outside West Gate, about 1,200 inhabitants, 44 deaths. Bubbling Well Road village, about 400 inhabitants, 7 deaths.

At Siccawei many deaths occurred. At Ke-wong-meaou (35 li beyond Siccawei), and at "May-way" (Pootung), the mortality is reported to have been considerable.

The type of the disease has been from the first severe, justifying the opinion that we have had to deal with that form of cholera which is distinguished by such terms as Asiatic, Malignant, and the like. Deaths in a few (5 or 6) hours have been common among the Natives, and it will be observed that among Foreigners two deaths are registered following illness of six hours duration.

It is to be regretted that any difference of opinion should have arisen regarding these events. After all, however, such wants of agreement is probably more apparent than real. The term "epidemic" when applied to disease signifies merely—that in a Community a number of cases of that disease have occurred within a limited period of time, and that these are referable to an "influence" or "constitution," of the exact nature of which we are ignorant. The number of cases required to constitute an epidemic has never been arbitrarily fixed, and whether or no an epidemic of cholera has visited Shanghai, is clearly a matter regarding which individual judgment may be exercised. Regarding the type of the disease:—It is admitted by many authorities that the worst cases of "cholera nostras" (cholera morbus, British cholera) cannot be distinguished from cases of Asiatic cholera, except by the relative mortality, and individual experience in practice must largely govern opinion when the question is one of exact diagnosis.

Since the death registered on the 28th of last month, I have not heard of a case of cholera here among Foreigners, and, although a few cases are still reported as occurring among Natives, these are said to be for the most part of moderate severity, and to have rarely a fatal termination. Diarrhoea is now a much less common complaint in Shanghai, and the 'type' is less frequently 'choleraic.' At the out-ports the disease appears to be declining, the *Daily News* correspondent reporting of Foochow says "the worst is over," and of Newchwang that "cholera has left." Guided by these facts, and encouraged by the setting in of finer and colder weather, I am of opinion that the epidemic in Shanghai is virtually at an end.

I am, Sir,

Your obedient Servant,

EDWARD HENDERSON,
Health Officer.

In the last of these letters I have affirmed that the type of disease was severe, but have supported the statement only by a reference to the rapidly fatal issue of some of the cases. I wish now to add something to this. Eight cases came under my own more immediate observation, of which I reject two as possibly cases of cholera morbus only. Of the six remaining, four were fatal—three male adults, and a child ten years of age. All the six were characterised by profuse vomiting and purging of colourless 'rice-water' fluid, severe cramps of the extremities, more or less profound collapse, and suppression of the renal secretion. In four out of the six the urine was ascertained to be albuminous;* in the remaining two this point was not investigated, the patients both dying—the one in seven and the other in forty hours after my first visit—suppression of urine being complete in both. The constitutional disturb-

* Mulhauser and Hermann assert that albumen is found in the urine in Asiatic cholera, and not in cholera morbus; when there is no renal disease they regard its presence as pathognomonic of Asiatic cholera. (See Sydenham Society Biennial Retrospect for 1873-74, page 70.)

ance which follows hard drinking is probably a condition favourable for the development of the disease, and among the individuals attacked, it is reasonable to suppose that those will succumb most readily in whose bodies tissue degenerations, of alcoholic or other origin, are present; further than this, it is not safe to generalize. The fact that the Natives were the chief sufferers, would of itself be a sufficient reason for doubting any very close relation between alcohol and the cholera of last year; moreover, in only one instance among my own cases had I reason to suspect tissue degeneration due to alcohol, in not one was there any history of excess immediately preceding the attack.

LOCK HOSPITAL.

In accordance with instructions given by the Councils for the Settlements North of the Yang-king-pang and the French Concession, the New Lock Hospital was opened on the 1st of January, 1877. As was anticipated the women at first refused to attend, preferring rather to close their houses, and even, in a few instances, to leave the Settlement. Three women, however, presented themselves on the 24th of February, and on the 26th of the same month thirteen came to the Hospital. From the latter date till now the number has steadily increased, and sixty eight women, distributed in seventeen houses in the English Settlement and Hongkew, are now on the Hospital books, many more having been from time to time examined and rejected.

So far as the prejudices of the women against the system are concerned, these are now satisfactorily overcome—if indeed they ever constituted a real difficulty. It is perhaps premature to say anything regarding the good already effected, but the following facts regarding H. M. S. *Juno*, communicated to me by Staff Surgeon Nelson, deserve to be recorded:—During the last six months of 1877, nearly the whole of which time the *Juno*, with a complement of 235 men, was stationed at Shanghai, only 3 cases of syphilis occurred, although very ample shore-going leave was given to the men. Of the same ship, it is stated in the official statistical report of the health of the Navy for 1872:—“In the *Juno* there were 34 cases of primary, and 28 cases of secondary syphilis. Nearly all the primary disease was contracted at Shanghai during the first six months of the year. There is no surveillance of prostitutes at that port.”

* The *Juno* was out of commission between 1872 and 1877.

DEATHS REGISTERED IN SHANGHAI DURING 1877.

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sep.	Oct.	Nov.	Dec.	Totals.
Fever, Remittent	1	...	...	...	...	1
„ Enteric	1	...	...	1	2	1	...	...	5
Small Pox	1	...	...	...	...	...	1
Cholera	1	...	2	9	3	1	...	16
Dysentery, Acute	2	...	...	...	...	...	...	...	...	...	...	2
Diarrhoea	1	1	2	...	...	4
Gastro-Enteritis, Chronic	1	...	...	...	1
Enteritis	1	...	...	...	...	1
Diarrhoea of Pregnancy	1	...	...	1
Abscess of Liver	1	1	...	1	3
Rupture of Spleen	1	...	...	...	...	...	1
Pulmonary Phthisis	1	...	...	2	...	...	...	...	...	...	...	3
Pulmonary Hemorrhage	1	...	...	...	...	...	1
Tuberculosis	1	...	...	...	...	...	...	...	...	...	...	...	1
Pleurisy	1	...	...	...	...	...	...	...	...	...	...	...	1
Asphyxia	2	...	...	...	...	...	...	...	...	1	...	3
Heart Disease	1	1	2	1	...	...	...	...	2	...	2	9
Aneurism	1	...	...	...	...	...	...	1
Bright's Disease	1	...	...	...	...	...	...	...	1	1	3
Urinary Fistula and Abscess	1	...	...	...	...	...	...	...	1
Cerebral Disease	2	1	1	...	...	...	...	...	1	2	...	...	7
Inflammation of Membranes } of Brain	1	1	...	...	...	...	2
Brain, Injury of	1	...	1
Epilepsy	1	...	...	1
Spinal Disease	1	...	...	...	1
Syphilis	1	...	...	...	...	...	1
Alcoholic Poisoning	1	...	...	...	...	...	...	...	...	...	1
Intemperance	1	...	1	...	1	...	...	3
Infantile Marasmus	1	...	...	...	1
Premature Birth	1	...	...	...	...	...	...	...	...	...	...	...	1
Fracture of Skull	1	...	...	...	...	...	...	...	...	1	...	2
Fracture of Spine	1	1
Caries of Vertebrae	1	...	...	...	...	...	...	1
Pyæmia following Injury	1	...	...	...	...	...	...	1
Drowning	1	...	...	...	...	1
Hydrophobia	1	...	...	...	1
Totals	5	8	4	2	5	5	5	9	18	14	5	5	85

SHANGHAI DEATH RETURNS, 1877.

ADULT RESIDENTS.

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sep.	Oct.	Nov.	Dec.	Totals.
Fever, Remittent	1	...	...	...	...	1
" Enteric.....	1	1	...	...	...	2
Small Pox	1	...	...	...	...	...	1
Cholera.....	1	...	2	3	...	...	...	6
Diarrhoea of Pregnancy.....	1	...	...	1
Abscess of Liver.....	1	1	...	...	1	3
Pulmonary Phthisis	2	...	...	...	...	...	...	...	2
Tuberculosis	1	...	...	...	...	...	...	...	...	...	...	...	1
Pleurisy	1	...	...	...	...	...	...	...	...	...	...	...	1
Heart Disease	1	2	...	...	...	...	...	...	...	...	3
Aneurism	1	...	...	...	...	...	...	1
Bright's Disease	1	...	...	...	...	...	...	...	...	1	2
Cerebral Disease	1	...	...	...	...	...	...	1	2	...	...	4
Inflammation of Membranes } of Brain	1	...	...	...	...	...	1
Syphilis	1	...	...	...	...	...	1
Intemperance	1	...	1	...	1	...	...	3
Caries of Vertebrae.....	1	...	...	...	...	...	...	1
Hydrophobia	1	...	...	...	1
Totals.....	2	1	2	2	2	4	3	5	7	5	...	2	35

INFANTS AND YOUNG CHILDREN.

Date.	Age.	Cause of Death.
January	48 hours	Premature Birth.
June	4 months	Pyæmia.
August	2 months	Diarrhoea (Volvulus?)
"	6 weeks	Enteritis.
September	20 months	Chronic Diarrhoea.
"	1 year	Infantile Marasmus.
"	2 years	Chronic Gastro-Enteritis.
"	10 years and 3 months	Cholera.
October	7 months	Heart Disease.
"	1 year	Anæmia and Diarrhoea.
November	1 hour	Asphyxia.

EDWARD HENDERSON, M. D.,

Health Officer.

MUNICIPAL VACCINATION.

1,040 Chinese children were vaccinated by the House Surgeon and assistants of the Chinese Hospital, Shantung Road, from April 1876 to December 31st, 1877. The majority of the children were from the English Settlement, Hongkew, and the country districts in the immediate neighbourhood of Shanghai.

Supplies of vaccine were sent at different times to Ningpo, Soochow, Hangchow, Sungkeang, Pootung, Woosung, and Paoushan.

JAMES JOHNSTON,

Surgeon, Chinese Hospital.

WORKS MATTERS.

BRIDGES.

Generally.—Painting of bridges has been postponed till next year, owing to the unforeseen expenditure which had to be incurred to make good the damage done to public property by the gale on the 3rd July.

BUILDINGS.

It being thought advisable to appoint a committee to consider proposed Building regulations, submitted by the Surveyor, the following gentlemen kindly consented to serve on said committee, viz: Messrs. F. H. Bell, C. P. Blethen, T. W. Kingsmill, R. Mackenzie, R. F. Thorburn, and W. S. Wetmore. It is proposed to submit their report to a Special Meeting of Ratepayers, as, before the Rules can be put in force, it is necessary that an addition be made to the present Bye-Laws annexed to the Land Regulations.

HONGKEW POLICE STATION.

Site.—After considerable trouble a suitable site measuring about $7\frac{1}{2}$ mows has been secured at a cost of Tls. 5,000.

SAMPAN OFFICE.

Opposite the Central Hotel, being beyond repair, has been removed, and use is now made of a small wooden building on the pontoon opposite Messrs. Russell & Co's.

BUND LINE.

Soochow Creek.—Permission was granted to build a dyke on the foreshore from Garden bridge to Howard's wharf, on condition that the bund line be adhered to, and the requirements of the Surveyor in all other respects be complied with.

Regarding this matter the following correspondence passed between H. E. the Taotai, the United States Vice-Consul General, and the Council.

UNITED STATES' CONSULATE GENERAL,
SHANGHAI, 21st June, 1877.

J. HART, Esq.,

Chairman, Municipal Council, Shanghai.

SIR,—The Taotai having brought to my notice that the foreshore of the lot occupied by the Foong-tai Timber yard in Hongkew is being filled in, as he infers

in contravention of existing regulations, I deem it appropriate to hand to you for your information, the enclosed copies of his despatch to me of the 6th June, together with my response thereto.

I have the honour to be, Sir,

Your obedient Servant,

O. B. BRADFORD,

Vice-Consul General.

Despatch from H. E. LIEU, Intendant, &c., addressed to the United States' Vice-Consul General O. B. BRADFORD, Esq., dated 4th moon, 25th day, (6th June, 1877.) Received 7th June, 10.30 a. m.

Having been informed that the *Kung-ping* Yang hong (Iveson & Co.) wish to fill up and raise the river's bank, so as to make a bund, in front of the "Astor House," and of the *Fung-tai* Timber hong, at Hongkew; and having ascertained from my subordinate Cháng Chi-kiun, whom I sent to make inquiry, that the "Astor House," foreign hotel, and the *Fung-tai* Timber hong are, both of them, in the American settlement at Hongkew; and that the said hong has been in the habit of piling up timber in front of it; and that this bank is (said to be) the property of Adamson, Bell & Co., who have rented it to the Timber hong to pile timber upon; that *Fung-tai* have already filled up the gulley that was in a strip of the bank in front of the hong, and have piled up timber upon the inner side of the (former) gulley as far as to the front of the "Astor House;" that he has learned that the Municipal Council intend to fill up the bank and make a bund forty feet and more in breadth, not only in front of the gate of the *Fung-tai* Timber hong, but extending from the front of your office to the large bridge over the Soochow creek; and also to fill up and make a bund commencing at the large bridge over Soochow creek, about sixty feet in length from West to East, and forty feet, more or less, from North to South; and that they will commence operations as soon as their arrangements are completed, &c., a plan accompanying his report to this office. Now I have ascertained that the banks which are formed upon the sides of rivers, &c. are Chinese Government property, and that foreigners cannot be allowed to surreptitiously fill up and make bunds upon them. As to land leased by foreigners, they can only use as their own property as many mow, and fractions of a mow as are specified in their title deeds; and must not surreptitiously seize upon any land not called for in the title deed. Now since Adamson, Bell & Co. have rented out the river's bank in front of the *Fung-tai* hong, did they then at any time or from any person take a lease of the land, or did they draw up a title deed and send it to this office to have a seal affixed (certifying to) the number of mow and fractions of a mow (called for) in the original title deed? Adamson and Bell should be made to send the title deed to this office for investigation. If indeed there is no such a thing as a title deed, and they have taken upon themselves to fill up the gully and make a bund upon the river's bank belonging to the Chinese Government, this is a surreptitious taking possession of Chinese Government land, and should be clearly examined into and punished. On a former occasion an English merchant, Li-na-sz, surreptitiously filled up (a part of) the river's bank which was property belonging to the Government, to make land, and the case was tried by the English judge, whose decision is on record. As to the (shallows or) banks of the Soochow creek in its whole length, both within and outside of its mouth, they all are Chinese Government property, and as the Municipal Council have never taken out a lease, how can they on their own authority raise up a bund? They also should be enjoined to stop, and cannot be allowed irregularly and at their own will to take possession and fill up. In addition to sending a despatch to the English Consul requesting him to issue prohibitory injunctions, it is exceedingly proper to address this despatch to you, the Honourable Vice-Consul General, requesting you to give attention to the subject and transmit instructions to the Municipal Council, enjoining them not to take unauthorized possession of a river's bank, the property of the Chinese Government,

and fill it up, thereby rendering themselves liable to prosecution. An important despatch, addressed to the United States' Vice-Consul General, &c., Mr. Bradford, dated Kwang-su, 3rd year, 4th moon, 25th day, 7th June, 1877.

D. BETHUNE McCARTER,
Acting Interpreter.

UNITED STATES' CONSULATE GENERAL,
SHANGHAI, 21st June, 1877.

MR. BRADFORD, *Vice-Consul General*,
to H. E. LIEU, *Taotai, Shanghai.*

SIR,—I have had the honour to receive your despatch of the 25th day of the 4th moon (June 6th), in relation to the filling in the foreshore of the lot adjoining the "Astor House," reflecting upon Messrs. Adamson, Bell Co. as "surreptitiously taking possession of Chinese Government land," and asking that the Municipal Council be "enjoined from taking unauthorized possession of a river's bank," &c. &c.

Although neither the owners nor the agents of the land in question are Americans, I deem it desirable and appropriate to reply to your letter at some length, in order to add to the record in the important question which it raises, touching rights and privileges in and to the foreshore of lands fronting the Soochow creek and the Whampoo river.

Upon inquiry I learn that the land extending from the site of the old bridge opposite the Woosung road to the godowns at the East side of the Foong-tai Timber yard, has for many years been held by Mr. Wills, a British subject, under title deeds registered in H. B. M.'s Consulate. The southern or river boundary of the land is the "Whampoo river," and the "mouth of the Sochoow creek," which, as I understand the law of your honourable country in this point, clearly permits the foreshore to attach to the land in the rear, for is it not an old established rule that land on a river's bank follows the course of the stream in its shiftings, and only the landholder has the benefit of any accretion, he however paying to the Government the tax thereon. In the case in point, it is possible that the accretion has not been added to the area called for in the title deed, but that may easily be done, and the additional area ascertained for purpose of taxation.

The question of ownership which you raise, has been brought up on several occasions by one or more of your honourable predecessors, and several precedents are on record in this office and in your yamen, and I was hopeful that the principle was clearly established thereby. I will cite one or more. In 1871 the point came up in respect of title deeds Nos. 268 and 270, and in 1873 in the case of title deed No. 246. The Taotai at that time proposed in his view of the case to fix a price per mow for the accretions, but so untenable a position was upon examination abandoned by him, he finding that under the law his authority was to ascertain the area of such accretion for purpose of taxation. In one case, having the report of his deputy, he not only added the area of the accretion to the measurement on the old deed, but went so far as to embrace it in the consideration expressed for the last purchase. If you will consult the records of about April, 1873, you will find the report of the deputies in the instance referred to, as communicated to this office by the Taotai. In this connection I desire to remark that I consider the title deeds for land held by foreigners are simply leases or grants from the Imperial Government, and I know of no clause in them whereby any rights are reserved or abridged, which would be enjoyed by a Chinese holder, who I understand enjoys the right to the alluvial deposit of the river. This deposit is esteemed both in your honourable country, and in mine, to be a natural result, consequent upon the peculiar situation of the land so fronting the stream. The principle seems to obtain near the junk anchorage at Tun-kah-doo, where I am informed taxes are actually paid by the owners of the front lots, upon land for several tens of feet under water. They do this as willingly as the foreign renter, who asks that an accretion be surveyed and added to his title deed.

Moreover, in a despatch from the Taotai about the 12th September, 1873, he returned, after examination, to the Consular body, a plan of the proposed bund line and bunding, prepared for the mouth of the Soochow creek. He made one or two suggestions as to the width of the channel. The plan so modified was submitted to the Municipal Council, and in October, 1873, Mr. Seward informed the Taotai that the Council had accepted his amended plan. The matter has therefore been fixed long since, and the records seem complete. The filling in of which you speak is clearly within the lines defined and accepted by the Taotai, the Consuls, and the Municipal Council. Why should it then become necessary or expedient to pronounce against a settled scheme made for the public good, or to agitate a subject in the discussion of which from your premises, no good result is likely to be obtained? When such matters are brought to your notice by those who are not fully informed, if you will ask information it will always be gladly given you from reliable quarters, and thus much time would be saved and useless speculative theories avoided, and the public interest will not be harmed.

I trust that in view of these and other premises which might be cited; the established precedents, and your knowledge of the law, you will agree with me that to insist upon the right to control the foreshore of the lot in question would be against precedent, which is supported by accepted plans, and would be contrary to law and custom.

I understand that the timber yard people have leased the lot for a term of years, and that they are filling in the foreshore at their own expense, and under permission of the Municipal Council, all of which I think they have a right to do.

The case of Mr. Reynolds, to which you refer, is not in point, and I forbear any discussion of it.

I ask you to examine the few points adduced by me, and I hope you will agree in my view.

I will consult with H. B. M.'s Consul, informing him of my views in this matter, and will also place before the Municipal Council a transcript of your letter, and of my reply.

I am,

Your obedient Servant,

O. B. BRADFORD,

Vice-Consul General.

MUNICIPAL COUNCIL,
SHANGHAI, 25th June, 1877.

O. B. BRADFORD, Esq.,

U. S. Vice-Consul General in Charge of the U. S. Consulate General.

SIR,—I have the honour to acknowledge receipt of your letter handing for the information of the Council copies of correspondence with the Taotai, regarding the filling-in of the foreshore opposite lots 221 and 222 (Wills' estate), occupied by Foong-tai Timber yard.

I have been desired by my colleagues to tender you their most cordial thanks for these documents, and to state that they have taken careful note of your action in the matter on which they bear.

I have the honour to be, Sir,

Your obedient Servant,

J. HART,

Chairman.

Yang-king-pang.—The following letter has been received from the French Council approving the line drawn up by Messrs. Oliver and Henry in 1875.

SHANGHAI, 26 *Septembre*, 1877.

MONSIEUR,—Me reportant à la lettre que vous m'avez écrite le 22 Juin dernier pour me faire remarquer qu'à part ce qui touche à la partie comprise entre le pont No. 6 et le Defense Creek, l'Administration n'avait pas encore fait connaître au Municipal Council si elle adoptait le plan d'alignement des rives du Yang-king-pang dressé par MM. Oliver et Henry, j'ai l'honneur de vous informer que le Conseil dans sa séance du 21 de ce mois, s'est prononcé pour l'adoption du dit plan. Il est donc entendu qu'à partir du pont No. 1 jusqu'au pont No. 6, toute construction ou réparation ultérieure des quais élevés sur l'une et l'autre rives du cours d'eau devront être exécutées sur les alignements que ce plan détermine.

Veuillez agréer, Monsieur, l'assurance de ma considération la plus distinguée.

Le Secrétaire,

H. SAYN.

Monsieur E. B. SOUPER,

Secrétaire du Municipal Council.

Formation of Foreshore, growth of Pootung point and other obstructions in River.—The following correspondence has passed with the Shanghai General Chamber of Commerce.

COUNCIL ROOM, 23rd *April*, 1877.

The Chairman,

CHAMBER OF COMMERCE,

SIR,—I have been desired by the Council to make known to you the substance of a report by the Acting Surveyor on the effect likely to be produced by the growth of the Pootung point and of natural and other obstructions further up the river.

It will be in the recollection of the Chamber that in 1872 the Ratepayers north of the Yang-king-pang passed a scheme for bunding the foreshores of the Settlement. It formed part of a general plan for bunding from the city to near Old Dock, Hongkew, which has been approved and agreed to by the French Municipal and Chinese authorities. The cost of carrying it out, so far as it concerned the Settlement north of the Yang-king-pang, was estimated at Tls. 105,000.

The Acting Surveyor now expresses an opinion—in which the Council believe he is joined by other professional authorities—that “any bunding scheme can be rendered almost useless in ten years unless some control is exercised by the Chinese on the line to be adopted above the French Settlement and a limit given to the Pootung point which is rapidly extending.”

Some knowledge may be gathered of the rapidity with which the Pootung point is encroaching, when I state that the river, which was 1,820 feet wide at this point at low water in 1866, was found to be only 1,250 feet in 1875.

It appears then to the Council that the question is of sufficient importance to justify strong representations being made to the Chinese authorities that a portion of the large amount received by them in tonnage dues should be devoted towards the conservancy of the port—and I am desired to state that any steps which the Chamber may resolve to take will command the hearty co-operation of this Council.

I am, Sir,

Your obedient Servant,

J. HART,

Chairman.

SHANGHAI GENERAL CHAMBER OF COMMERCE,
SHANGHAI, 15th May, 1877.

SIR,—I have the honour to acknowledge the receipt of your letter dated the 23rd April, calling attention to the rapid growth of the foreshores of the Wangpu, as well as to the injury done to the navigable channel of the river by other obstructions, and inviting the co-operation of the Chamber of Commerce in a representation on the subject to the proper authorities.

This Committee has on various occasions addressed the Consular body, the Inspector General of Maritime Customs, and the Foreign Ministers at Peking, pointing out the urgent need which exists for measures to be taken by the Chinese Government to keep the Wangpu open to navigation; but hitherto the representations of the Chamber have been found ineffective.

There can be little doubt that the navigable channel and anchorage grounds of the upper reaches of the river are being narrowed year after year to such an extent as to justify the serious apprehensions which are widely entertained as to the ultimate effect upon the port of the rapid shoaling which is taking place.

These apprehensions will not be diminished by a study of the exhaustive and valuable report upon the Woosung bar, recently furnished to the Consular body by Messrs. Escher and de Ryke, for which the Community is mainly indebted to the interest felt in the question by H. E. Mr. Seward, when United States' Consul General and Senior Consul here.

The Chamber has never ceased when opportunity offered itself, to urge the appointment of a Board of Conservancy, with powers to make regulations for the management of the foreshores as well as to prevent injury to the channel by the discharge of ballast, and other irregular proceedings, and whose business it would be to consider and to propose efficient measures for the preservation of the port.

The Committee is prepared, not only to renew its applications to the Foreign Ministers at Peking for the adoption of some such measure, but to take advantage of the negotiations now in progress in London, to press the importance of the matter upon the attention of the British Government.

I have to express the satisfaction felt by my colleagues and myself on being assured that the action of the Chamber in this direction will receive the energetic support of the Municipal Council.

I am, Sir,

Your obedient Servant,

F. B. JOHNSON,

Chairman.

J. HART, Esq.,

Chairman, Municipal Council.

Berthing Steamers opposite Bund.—The following Report has been prepared by the Surveyor, showing how far he considers it would be necessary to move the pontoons to enable Ocean steamers to moor alongside the Bund.

SURVEYOR'S OFFICE,
SHANGHAI, 6th April, 1877.

TO THE WORKS COMMITTEE.

GENTLEMEN,—In compliance with Board Order of 27th March "to report how far out into the stream it would be necessary to put the pontoons to enable Ocean steamers to berth opposite the Bund," Capt. Vignier, the Harbour Master, has kindly placed at my disposal plan of the harbour to a scale of 200 feet to an inch with the soundings marked thereon taken in December 1875, from which I have made a tracing, adding the proposed Bund line coloured red; the distance pontoons

would have to be placed into the stream, giving a depth at low water of 14 feet, coloured blue; and Ocean steamers drawing 20 feet (which Capt. Viguiet tells me would be sufficient) coloured green.

Upon reference to this plan you will at once perceive that pontoons placed so far into the stream would seriously interfere with navigation, and in my opinion will form an almost insurmountable difficulty; but by adopting a medium course, say the depth of 14 feet at lowest tide, steamers of moderate draught could come alongside without very much encroaching upon the fairway of the river.

With regard to the pontoons I cannot suggest any better than the plan proposed by the late Mr. Clark in his report to the Council, dated 16th January 1865, on the Bund line, wherein he says:—"The third point requiring attention is the landing accommodation; and as there will hardly be sufficient depth at low water for all purposes outside the new Bund line, some sort of jetties or moles must be provided. Solid sloping jetties, as at present, are inadmissible, as accretion of fresh deposit would be invited between them; and the alternative appears to be, either that of "floating jetties" or that of "landing stages" of two stories for high and low water, connected by an incline. Of these I am induced to consider the floating jetties as the better, as their dummies would always remain at the same height above the water, and would afford each 250 feet space for barges; whilst the cost would not be much greater than that of the more bulky but less roomy landing stages. These jetties are now general on the Thames and the Mersey, and their construction is as follows:—a trussed gangway, firmly secured to the edge of the Bund and moving on a roller, rests its projecting extremity upon a floating dummy, which rises and falls with the tide, and is prevented from lateral movement by timber starlings open to the sewer, and by fender piles to keep the gangway in place, and prevent the dummy from being driven inwards."

Since this report was made the river has silted considerably, necessitating dredging in many places if this Bund line be carried out, as will be seen upon reference to the chart made in 1866 by the late Capt. Hockley, then Harbour Master, to a scale of 400 feet to an inch; and in order to reach the required depth of water, it will be necessary to extend the jetties or stages beyond the Bund line by wrought iron screw piles (as these piles would offer the least resistance to the tide and would not cause so much "silting" as wooden ones), at the ends of which would come the bridges and then the pontoons, similar to the present ones, but longer and stronger, and if necessary connected one with the other by bridges.

While on the subject I take the opportunity of calling to your attention that any bunding scheme can be rendered almost useless in 10 years' time, unless some control is exercised on the line to be adopted above the French Settlement and a limit given to the Footing point which is rapidly extending (from 1,820 feet wide at low water in 1866 to 1,250 feet in 1875.)

I also particularly wish to point out, that any Bund line will in all probability be useless for keeping deep water, unless some measures be taken to improve the river, by removing the mud banks that now exist and are increasing, and which threaten to close the mouth of the Soochow Creek.

I have the honour to be,

Gentlemen,

Your obedient Servant,

C. B. CLARK,

Acting Surveyor M. C.

BUNDING.

Yang-king-pang.—A claim by Chen-sih-yuen in respect of certain stone bunding removed by the Council, on the ground that it had been built by him in 1860 at an expense of Tls. 2,000, was not entertained, the Board considering that all materials, &c. placed in the highways

become the property of the Municipality, who have the power to deal with them as they see fit. In this instance the stone bunding in question has been replaced by a wooden bunding equally as good if not better than the old one, and which completely protects Chen-sih-yuen's property.

CONTRACTS.

A new form of tender for Municipal works has been adopted whereby security is required as a guarantee that the terms of the tender, if accepted, will be carried out.

DRAINAGE.

Cleansing Sinks.—In view of the Health Officer's certificate that the deposit on waste land in the Settlement, of mud taken from drains, is injurious to public health, orders have been given that in future all such deposit be removed in the same way as night soil and garbage.

ENCROACHMENT.

Hupei Road,—by the Polytechnic institution has been rectified.

FIREWELL.

Junction, Canton and Keangsi Roads.—Plans and specifications have been drawn up for a 10-chamber firewell.

FORESHORE.

S. S. "Paohong" berthing at Messrs. Fogg & Co.'s pontoon.—Application of Messrs. Walker & Co. to be permitted to berth *S. S. Paohong* alongside Messrs. Fogg & Co.'s pontoon was granted, on the understanding that the permit was not a general one.

PUBLIC GARDEN.

Report from the Garden Committee for the past year is appended. A hand watering engine and a supply of new iron seats for use in the Garden, have been received from England.

Report of the Committee of the Shanghai Public Garden.

SHANGHAI, 24th January, 1878.

To the MUNICIPAL COUNCIL for the

Settlement North of the Yang-king-pang.

GENTLEMEN,—The Committee have much pleasure in handing you the following satisfactory Report of the condition and prospects of the Garden with the care of which they are intrusted.

The shrubs, plants, and trees are flourishing, and year by year a change may be seen in the growth and ornament they make to the ground.

Last spring we had a very fair show of imported flowering bulbs, and we hope that this year will not be behind its predecessor in spite of the unusually severe weather we are experiencing.

The application of heat to the green-house has answered the expectations of the Committee, who have been enabled by its aid to store, and forward many plants which without such help would undoubtedly have perished, but after the experience of the present winter they find that further accommodation is necessary, as, many of the bedding plants required for next summer were per force left in the open and have suffered accordingly.

The Community are indebted to Mr. Walker of Bombay and Capt. Symons of the *Zambesi*, for some valuable additions of plants to the Garden, and to Mr. E. A. Reynolds for a number of bamboo chairs.

The Tls. 750 voted by the Community last year for the maintenance of the Garden has, as anticipated in the Committee's estimate, all been expended, and as it appears to be quite impossible to provide for the contingencies which are always occurring, and which entirely upset any preconceived idea of what the actual expense will be, the Committee again beg the Council to include in the Budget the full sum of Tls. 1,000 for the ensuing year, which they think the Community will not consider unreasonable. An estimate of probable expenses is appended, though for the reasons given it cannot be greatly relied on.

The Committee have further to suggest that the mud flat now so rapidly forming at the North-end of the Garden should be bunded, filled up, and added to the Recreation ground. As it is at present it is an eye-sore, and the reclaimed ground would be a welcome enlargement of the present area. The cost of doing this has been ascertained to be about Tls. 2,000.

The present Members of the Garden Committee are Messrs. Rothwell, Love, Tapp and Corner, who are willing to continue in that capacity if re-elected for the ensuing year.

Referring to the Statement of Account for the past year, and the Estimate of requirements for the ensuing year, which are appended.

I am, Sir, for the Committee,

Your obedient Servant,

GEO. R. CORNER,

Honorary Secretary.

*Memorandum of Expenditure by the Garden Committee for Account
of the Shanghai Public Garden during the year 1877.*

For Wages	\$535.37 @ 73.5	Tls. 393.50
Paints and Repairs	47.73 Tls. 35.08	
Do.	" 30.00	
		" 65.08
Purchase of Plants, Shrubs, Bulbs, &c.	164.95 Tls. 121.24	
Do. Do.	" 183.76	
		" 305.00
		Tls. 763.58

Estimated Expenditure for the year 1878.

Wages	say Tls. 400.00
Paints and Repairs	" " 70.00
Renewing Trees, Shrubs, Bulbs, &c.	" " 300.00
Do. Grass Plats	" " 150.00
New Green-house	" " 200.00
	About Tls. 1,120.00

LANDING ACCOMMODATION.

Jetty in front of Lot 810, Hongkew.—An application for permission to erect a jetty in front of Lot 810 adjoining the China Merchants Steam Navigation Company's premises in Hongkew was granted, provided it be built in accordance with plan submitted.

Chaou-foong Road Jetty.—The following correspondence has passed with Messrs. Jardine, Matheson & Co., agents for the Shanghai and Hongkew and Jardine's associated wharves in regard to this jetty, and the rights as to water frontage.

MUNICIPAL COUNCIL,

SHANGHAI, 23rd August, 1877.

MESSRS. JARDINE, MATHESON & Co.,

Agents for Hongkew, Shanghai and Associated Wharves.

GENTLEMEN,—The Council are informed that the men engaged in the construction of a jetty at the end of the Chaou-foong Road, Hongkew, have been prohibited from proceeding with the work by an employé of the Wharf Company without any reason, so far as the Council are aware, being given for this apparently unauthorized procedure.

In the absence, therefore, of any evidence to justify it, the Council are left to form their own conclusion that the Manager anticipating that the berthing of vessels at this point will be interfered with by the jetty, has taken upon himself the responsibility of stopping the work without reference to the Directors, the Council or their executive.

Whilst making allowance for this motive, if it existed, the Council are bound to place on record an energetic protest against the thing that has been done.

A jetty is very much wanted in Hongkew to admit of water-carts getting near the river, and also to afford fire engines means of access in the event of a fire in the neighbourhood; the end of the Chaou-foong Road is the most convenient site. It

is not contemplated at present to carry the jetty beyond the line of the adjacent wharf, and with this assurance the Council rely on no further obstruction from the Wharf Company.

The Council wish particularly to impress upon you, that there is no intention of depriving you of the use of the frontage, so long as it is not required by the Community. But they are compelled, in view of the importance of the trust committed to their charge, to raise their voice against the public being shut out from a road to which they have an indisputable title and to guard against any encroachment on their rights.

So long as these rights are recognized—say by the payment of an annual nominal rental, or in any other way that may seem fit to the Wharf Directors—the Council are disposed to leave matters as they are.

I am, Gentlemen,

Your obedient Servant,

EDWARD B. SOUPER,

Secretary.

SHANGHAI, 25th August, 1877.

EDWARD B. SOUPER, Esq.,

Secretary, Municipal Council.

DEAR SIR,—We beg to acknowledge the receipt of your letter No. 77/672 of 23rd instant, and in reply to the same we beg to state that the object in suggesting a temporary suspension of the construction of the jetty at the end of the Chaou-foong Road, Hongkew, was merely that the particular method of piling the ground intended to be adopted by the Council's workmen might be fully considered before being proceeded with; as it appeared possible that the *depth* to which the Council intended to drive the piles upon the foreshore might lead to a very rapid silting up of the river, and consequently seriously affect the interests of this Company and likewise of the Community at large.

We purpose laying the matter before the Directors at a meeting to be held early next week, and in the meantime we deem it for the interests of all concerned to suspend the works pending a full discussion of the subject.

We regret that any action should have been taken on this matter by the Manager of the Wharves without first referring the same to the Council or ourselves, and we beg to assure the Council that this Company has no desire to take any course prejudicial to the interests of the Community, or to in any way interfere with the rights of the Municipality.

We are, Dear Sir,

Your obedient Servants,

JARDINE, MATHESON & Co.,

Agents, Shanghai & Hongkew Wharf Company.

SHANGHAI, 11th September, 1877.

EDWARD B. SOUPER, Esq.,

Secretary, Municipal Council.

DEAR SIR,—With regard to the proposed jetty at the end of Chaou-foong Road, the Directors of the Shanghai and Hongkew Wharf Company are perfectly willing that the same should be erected, but would ask the Council to be good enough to instruct the Municipal Surveyor to take such measures in the construction of the same as will avoid the possibility of the formation of a mud bank.

We remain, Dear Sir,

Your obedient Servants,

JARDINE, MATHESON & Co.,

Agents, Shanghai & Hongkew Wharf Company.

SHANGHAI, 20th October, 1877.

EDWARD B. SOUPER, Esq.,
Secretary, Municipal Council.

DEAR SIR,—Having again brought your letter of the 23rd August before the Directors of the Shanghai and Hongkew Wharf Company, we are instructed by them to inform you that they have no intention of disputing the Council's right to erect a jetty at the end of Chaou-foong Road, and are willing to pay a nominal rental, as suggested by the Council, for the Wharf staying in front of the Road.

We remain, Dear Sir,
 Your obedient Servants,

JARDINE, MATHESON & Co.,
Agents, Shanghai & Hongkew Wharf Company.

MUNICIPAL COUNCIL,
 SHANGHAI, 25th October, 1877.

Messrs. JARDINE, MATHESON & Co.,
Agents, Shanghai & Hongkew Wharf Company.

GENTLEMEN,—Your letter of 20th instant was laid before the Council at their last Meeting, and I was then directed to suggest that the nominal rental agreed upon to be paid for the use of the water frontage at the end of the Chaou-foong Road, should be twenty taels (Tls. 20 S.S.) per annum, and that the arrangement between the Company and the Council should be a yearly one.

The Council will be glad to hear that these conditions are satisfactory.

I am, Gentlemen,
 Your obedient Servant,

EDWARD B. SOUPER,
Secretary.

MARGARY MEMORIAL.

Site for.—The following correspondence has passed with Mr. W. B. Chalmers on behalf of the Committee of the Subscribers to the Margary Public Memorial with reference to the proposed sites.

SHANGHAI, 27th August, 1877.

To the Secretary,
 MUNICIPAL COUNCIL,
 Shanghai.

DEAR SIR,—On behalf of the Subscribers to the Margary Public Memorial, I beg to lay before the Municipal Council for their approbation, the proposed site of the Memorial designed by Messrs. Kidner and Cory.

As the Memorial will be 36 feet high, and occupy a base of about 30 feet, it will be no mean object, and the enclosed tracing will show clearly what seem to the architect the most suitable sites, either the all red octagonal spot or the outside traced red line. By cutting off a small portion of the Reserve Garden, 20 feet clear could be left for carriages rounding the corner, while setting the Memorial as far forward as the single red line would bring it into full view from all roads and from the bridge, thus avoiding any objections on the score of danger in turning the corner,

and I would suggest this as perhaps being the better of the two places. Four upright handsome lamps might be placed in the positions indicated by four dots.

Your obedient Servant,

W. B. CHALMERS,

Honorary Secretary, Margary Memorial.

MUNICIPAL COUNCIL,

SHANGHAI, 14th September, 1877.

W. B. CHALMERS, Esq.,

Honorary Secretary, "Margary Memorial" Committee.

SIR,—The Council having fully considered the application of the Committee of the Margary Memorial to be allowed to erect the Memorial at the junction of the Bund and Soochow Road, are of opinion it would be found to be an obstacle to traffic at this particular point; but apart from this, they regret they cannot consent to any portion of a road in the Settlement being permanently withdrawn from public use.

The tracing enclosed in your letter of 27th ulto. is returned.

I am, Sir,

Your obedient Servant,

EDWARD B. SOUPER,

Secretary.

SHANGHAI, 1st October, 1877.

To the Secretary of the

SHANGHAI MUNICIPAL COUNCIL,

SIR,—I am in receipt of your favour of 4th September, and note the Council's reasons for declining to accede to the request of the Committee to erect the Margary Memorial on the site asked for.

We shall, then, with the permission of the Council erect the Memorial within the space enclosed by the railing of the Reserve Garden, to which place none of the objections to the road site apply.

For the Committee of the Subscribers to the Margary Public Memorial,

I am, Sir,

Your obedient Servant,

W. B. CHALMERS.

MUNICIPAL COUNCIL,

SHANGHAI, 30th October, 1877.

W. B. CHALMERS, Esq.,

For the Committee of the "Margary Memorial."

SIR,—The condition under which the Council were entrusted with the conservation of the Public Garden was that the ground should be used "for the purposes of a garden, and no other;" and they much regret, therefore, that it is out of their power to consent to the Margary Memorial being placed in the position desired in your letter of 1st instant.

I am, Sir,

Your obedient Servant,

EDWARD B. SOUPER,

Secretary.

ROADS.

North Honan Road.—An offer by the owner to surrender a strip of Lot 176 forming half of the existing North Honan Road, has been accepted.

Amoy Road, extension from Quangse Road to Chekiang Road.—The Council have accepted an offer on behalf of the owners of Lots 768 and 776, to sell at assessed rate sufficient land to enable the extension of this road being completed.

Widening Canton Road between Bund and Szechuen Road.—An offer of 0m. 3f. 2l. 8h. from Lots 14 and 14A, required for this improvement, at assessed value, has been accepted.

Chekiang Road, extension to Kiukiang Road.—An offer on behalf of the owner for the surrender of a portion of Lots 758 and 759, to permit of the extension of this road, has been accepted.

Chekiang Road, extension Foochow to Hankow Roads.—An offer of 0m. 0f. 8l. 5h. from owner of Lot 1,150, to permit of the extension of this road, has been accepted.

Nankin Road, widening between Kiangse and Honan Roads.—Alterations having been made to Lee-ching's premises, the Council have been enabled to widen the road at this point, in accordance with agreement made with Messrs. Birley, Worthington & Co. in 1874. At the same time arrangements were made for the rounding off of the corner at junction of Nankin and Kiangse Roads.

Nankin Road, widening at Lot 58A.—Negotiations have been renewed for the surrender of a portion of this lot.

Widening Szechuen and Canton Roads.—The offer of a strip of Lots 201 and 201A, has been accepted.

Rounding corners, Canton Road and Bund N. W.—The offer of about ten feet from Lots 14 and 14A, to allow of the rounding of this corner, has been accepted.

Foochow Road, widening between Szechuen and Kiangse Roads.—A portion of Lot 816 to admit of the widening of the road at this point, has been secured.

Corner at junction of Broadway and Whangpoo Roads, (opposite the "Astor House.")—Arrangements have been made with the lessee of the premises by which this corner has been rounded off, and will remain so during the currency of his lease.

Nankin Road, widening on South side between Kiangse and Honan Roads.—Negotiations are in progress for the surrender of the portion required from Lot 58A.

Hongkong Road, widening between Upper Yuen-ming-yuen and Szechuen Roads.—Mr. H. A. Ince, has, through his attorney, notified the Council that he will not surrender any of his land for the widening of the Hongkong Road.

Yuen-fong Road, extension.—In view of the proximity of the road past the site of the old gasometer in Hongkew, of the uncertainty that exists as to the line the Seward Road will take, and the high price asked for the land required, the Council are of opinion that the present time is not opportune for the extension of the Yuen-fong Road from its present terminus.

Seward Road.—Some Chinese houses having been built in the line of the extension of the Seward Road, representations were made to the United States Vice-Consul General requesting that he would take such steps as may appear to him most desirable to have the buildings removed, and to prevent similar encroachments, whilst negotiations for the road are going on.

Yang-tsze-poo Road, alteration in Line.—Owing to opposition on the part of one of the adjacent land-owners, the Council have been unable to carry out the alteration in the line of this road as provided in Resolution XI. passed at Ratepayers' Meeting of 6th March, 1877.

There being this difficulty, Mr. C. P. Blethen proposed to the Council that in place of a 40 feet road, one 35 feet wide be substituted, for which arrangements could be made.

This proposal not being in accordance with that sanctioned by the Ratepayers, the Council did not feel justified in accepting it.

The following correspondence then passed with Mr. Blethen on the subject.

SHANGHAI, 2nd June, 1877.

E. B. SOUPER, Esq.,

Secretary, Municipal Council.

SIR,—I am in receipt of your favour of 31st May, referring to my proposed alteration in the Yang-tsze-poo Road. I made the proposition for the 35 feet road, as I saw there were difficulties in obtaining a road 40 feet as proposed. I now understand from your letter that the alteration for the improvement of the road as proposed at the last Ratepayers' Meeting is now abandoned by the Council, which I regret. And I now withdraw all offers I have made for giving up land for the widening of the road, or any portion of a road to the river.

And remain,

Your's faithfully,

C. P. BLETHEN.

MUNICIPAL COUNCIL,
SHANGHAI, 14th June, 1877.

C. P. BLETHEN, Esq.

SIR,—I have to acknowledge receipt of your letter of 2nd instant.

The Council have directed me to correct the impression under which you seem to be laboring, viz: that they have abandoned the alteration in the line of Yang-tsze-poo Road resolved upon at the last Meeting of Ratepayers.

They are prepared to carry out the improvement as soon as they can acquire the land for the purpose, but as you are aware there are difficulties in the way which as yet they have been unable to overcome.

Their letter of 31st was intended to inform you that the plan proposed in your letter of 12th ulto. was not in accord with that decided upon by the Ratepayers, and that the Council did not therefore feel justified in accepting it.

I am, Sir,

Your obedient Servant,

EDWARD B. SOUPER,

Secretary.

Road from Bubbling Well Road to New Cemetery Road.—An offer was received of a road 17 feet wide to run from the Bubbling Well Road by the western end of Eames' Bungalow for about 639 feet into the country, but there being no immediate prospect of securing the remainder of the road of which this would form a part, the Council decided not to go to the expense—Tls. 622—which would be incurred in accepting the offer, but to leave it for future consideration in the event of being able to carry the road through.

New Roads generally.—The following correspondence shows how it is the Council have been unable to succeed in effecting improvements.

MUNICIPAL COUNCIL,

SHANGHAI, 16th July, 1877.

A. DAVENPORT, Esq.,

H. B. M.'s Acting Consul.

EXTENSION MARKHAM ROAD TO JESSFIELD ROAD.

SIR,—The community has been endeavoring for the past four years—at one time through the medium of the Consular body, and at other times through their own servants—to carry out this most desirable improvement; but I regret to state that so far little, if any, progress has been made, owing to the opposition of native officials, as indicated in the letters addressed to the Consular body.

I have been desired, therefore, to beg your valuable assistance in the matter, as the Council understand that some sort of a promise has been given to H. B. M.'s Government that, so far as the Chinese authorities are concerned, they would put no obstacles in the way of the formation of the road.

The Council, then, fail to see from what quarter opposition can come. The country people have been informed that the Council will pay full compensation for the land required. There is not a single grave in the line of the road, and in order to disarm suspicion which might be cherished by the Chinese authorities, an assurance was given them by Mr. Medhurst, who had the business in hand prior to his departure for Europe, that should this road ever be occupied or used as a railway hereafter, the land should revert to the original proprietors.

A copy of Mr. Medhurst's letter (semi-official,) conveying this information, is enclosed, and may possibly be of service to you in again approaching the Taotai on the subject of this road.

I have the honour to be, Sir,

Your obedient Servant,

J. HART,

Chairman.

MUNICIPAL COUNCIL,
SHANGHAI, 20th October, 1877.

A. DAVENPORT, Esq.,
H. B. M.'s Acting Consul.

SIR,—The Council have within the last week or two been making satisfactory progress with the extension of the Markham Road to the Jessfield Road.

They are informed by the Tepaos of the districts, through which the road is to run, that if the accompanying document bears the Taotai's stamp, all further difficulties will be removed.

To disarm any suspicion on the part of the Taotai, the Council are prepared to give an undertaking that the land sold is to be used solely as a road, and the Council in laying down the line have endeavoured to avoid graves. Further, watercourses will not be interfered with.

With these assurances and the *modus operandi* set forth in the accompanying document, the Council trust that you will be able to obtain the official countenance of the Taotai in the manner desired.

I have the honour to be, Sir,
Your obedient Servant,

J. HART,
Chairman.

BRITISH CONSULATE,
SHANGHAI, 31st October, 1877.

SIR,—Referring to your letter of the 16th July last, asking me to assist the Council in effecting the extension of the Markham to the Jessfield Road, I enclose a translation of a letter I have received from the Taotai, containing an extract from instructions issued by the Viceroy Shên-pao-chên, prohibiting the sale of land to foreigners for the purpose of constructing carriage-roads.

So long as this prohibition is continued, I think it will be extremely undesirable that any land should be purchased for the above purposes by the Council, as any natives selling their property under such circumstances, will, I have good reason to believe, be severely punished by the local authorities.

I am, Sir,
Your obedient Servant,

ARTHUR DAVENPORT,
Acting Consul.

J. HART, Esq.,
Chairman of the Municipal Council.

(Translation.)

TAOTAI LIU TO MR. DAVENPORT.

SHANGHAI, 28th October, 1877.

SIR,—Referring to our conversation during your visit on the 25th instant on the subject of a horse-road, I now forward the following extract from instructions I have received from the Commissioner for Foreign Affairs, Shên, in reply to my application:—"The leasing of land provided for in the 11th and 12th articles of the British, the 10th article of the French, and the 12th article of the American Treaties, is for the purpose of building dwelling houses, constructing churches, erecting godowns, laying out cemeteries, and the like, but there is no plain clause to the effect that land may be leased for the purpose of making a horse-road. Moreover, there

are already at that place horse-roads enough for purposes of pleasure, and as the authorities have already gone out of their way to comply with the wishes of foreigners in this respect, it is quite out of the question that they can be permitted to make another horse-road to the detriment of the existing roads and the cultivation of the land. The Taotai is, therefore, again ordered to urge that the renting be stopped, as the Viceroy cannot believe that the Consuls will, for so small a matter as purposes of pleasure, again force the Chinese authorities into a serious difficulty."

Trusting that you will act accordingly, &c., &c., [usual compliments].

A. DAVENPORT, Esq.,

H. B. M.'s Acting Consul.

Woosung Railway—Permanent way.—The following correspondence explains itself.

MUNICIPAL COUNCIL,

SHANGHAI, 17th November, 1877.

Monsieur E. GODEAUX,

*Consul General for France, and Senior
Member of the Consular Body.*

SIR,—As the uncertainty which has been so long felt as to the fate of the railway between Shanghai and Woosung has now been removed, and the intention of the Viceroy to tear up the rails is being carried out, the Council are induced to express the hope, before it is too late, that at least the permanent way may be retained as a public thoroughfare.

In addition to another outlet into the country which would be provided from the Settlement, now overcrowded and threatening to become more so every day, the Chinese would have the advantage of a fine road and the country people along the route would be afforded direct communication with the market for their produce.

It occurs to the Council that these are important points, and it is possible the Chinese authorities may be prevailed upon to leave the road as a road, if the proposition, subject to confirmation by the Ratepayers of this Settlement, be made to them with a proviso that the Municipality keep the road in repair.

It may be premature to move at present, when every effort is being strained to persuade the native officials to allow the line to remain or to replace it with one of a more permanent structure. Still the Council are of opinion it will be but prudent on their part to put their views in such a shape before the Consular body, who it is assumed will receive the earliest information as to the ultimate decision of the Government, in order that they may be in a position to take such steps as may appear to them most expedient to secure the land being utilized in a way productive of the greatest benefit to the public at large.

I have the honour to be, Sir,

Your obedient Servant,

J. HART,

Chairman.

CONSULAT GÉNÉRAL DE FRANCE À SHANG-HAI,

le 21 Novembre, 1877.

MONSIEUR LE PRÉSIDENT,—J'ai reçu la lettre que vous m'avez fait l'honneur de m'écrire, le 17 de ce mois, et par laquelle vous signalez à l'attention du Corps Consulaire l'intérêt qu'il y aurait à ce que le chemin de fer de Shang-hai à Woosung, dont la destruction paraît être un fait en train de s'accomplir, fût au moins conservé comme route ordinaire. Le Conseil Municipal reconnaissant lui-même que des démarches dans ce sens seraient actuellement prématurées, je me suis borné à com-

muniquer cette lettre à mes collègues, à titre d'information; mais je ne manquerais pas, le moment venu, de les consulter sur la suite que la demande qu'elle renferme leur semblerait de nature à comporter.

Agréez, Monsieur le Président, les assurances de ma considération la plus distinguée.

GODEAUX.

Monsieur HART,

*Président du Conseil Municipal
du "Foreign Settlement."*

CONSULAT GÉNÉRAL DE FRANCE À SHANG-HAI,

le 4 Décembre, 1877.

MONSIEUR LE PRÉSIDENT,—L'interprète du Consulat Général ayant eu occasion de voir hier le Taotai, je l'avais chargé de demander à ce fonctionnaire ce qu'il y avait de vrai dans le bruit d'après lequel les terrains qui ont servi à l'établissement du chemin de fer de Shang-hai à Woosung seraient revendus à leurs anciens propriétaires. Le Taotai a répondu que cette rumeur était sans fondement, et que le chemin serait maintenu comme route ordinaire. Le Corps Consulaire me charge de vous prier, Monsieur le Président, de vouloir bien porter cette information à la connaissance du Conseil Municipal.

Agréez, Monsieur le Président, les assurances de ma considération la plus distinguée.

GODEAUX.

Monsieur HART,

*Président du Conseil Municipal
du "Foreign Settlement."*

Soochow Creek, access for Fire Engines.—Means of access have been provided at the end of each of the roads.

TELEGRAPH LINES.

A claim by the Council for damage done to wires in the Kiukiang Road at the time of alterations to Messrs. A. Dent & Co.'s premises, has been recovered from the owners of the property.

Contract with Messrs. Bishop & Henry.—Messrs. Bishop & Henry having dissolved partnership and mutually arranged that Mr. Bishop should continue the business, this gentleman has accordingly been entrusted with the carrying out of the contract with Council for the maintenance of the Municipal lines.

WATER WORKS.

Subjoined are estimates from Messrs. Laidlaw & Sons, and report by the Surveyor. Should the views of the Ratepayers be favourable to the work being undertaken by the Municipality a Special Meeting can be called in order to discuss the matter fully.

"SHANGHAI WATER SUPPLY."

GLASGOW, 28th March, 1877.

*To the Chairman of the MUNICIPAL COUNCIL of the**Foreign Settlements North of the Yang-king-pang.**Shanghai.*

SIR,—We have to apologize for the great delay which has taken place in our preparing and sending you Plans and Estimate for these Works, but as formerly stated, our Senior partner, who had taken this matter under his immediate charge, was prevented by family affliction for a lengthened period from attending much to business; and we have also been much occupied with other large Water Works Contracts, amongst which those of Rio de Janeiro, Bombay, Edinburgh, &c., (these alone requiring about 120,000 tons of Pipes), engaged much of our attention. We now, however, have the pleasure of sending a ground Plan of the Works capable of meeting your requirements fully, for many years to come, and also Tracing showing the canalisation for the European Settlements, viz: English, American, and French.

Not having visited the locality, we of course cannot give a decided opinion as to the best position for the erection of the works; indeed, without local knowledge and data for our guidance, it is next to impossible from the limited information to hand, for any one at this distance to treat the subject with that care and accuracy which it demands. To meet this want we have had several interviews with Mr. J. W. Hart, C.E., of London, who kindly placed at our disposal much valuable information, which we take occasion to acknowledge.

The Plans of the Works accompanying this will suit either Soochow Creek or Lung-wha, and the arrangement of the buildings can be altered to suit the ground. This we can do on receiving from you a plan of the ground that you fix upon, and if our estimate is accepted we will immediately complete the working drawings of the various departments.

The works will consist of—

3 Settling Reservoirs, each	200' × 150' × 12' deep.
3 Filters, each	160' × 80' × 8' „
1 Pure Water Reservoir.....	160' × 80' × 15' „

Note.—In the printed report sent us by your Committee of 1875, we notice it was proposed to have the Pure Water Reservoir covered with a Galvanized Iron Roof. This undoubtedly is the cheapest plan, but one objection to it is that it will not keep the water sufficiently cool. You will observe on our plan we show Cast Iron Columns and Girders, with strong Roofing, covered with earth, which will be sown with grass, this we recommend strongly as being a better system.

Engines.—On the plan we have arranged two sets of Horizontal Engines (photographs of similar Engines we have erected accompany Plans), viz: one 15-H.P. Engine for pumping Water from River to Settling Reservoirs and Filters; and one 30-H.P. Condensing Engine for forcing the Water into the Town; one set of Engines will be always in use and one set in reserve.

If the works are erected at Soochow Creek, a Stand Pipe will not be required, we will supply one of our Patent Self-Regulating Valves which keeps a constant pressure for any desired height. These Engines with Boilers are of a very superior make and finish. They work expansively, thus consuming a minimum of fuel.

Main Pipes.—We propose the Main Pipe for conveying the water to the town be 14" diameter instead of 13 ins. Although on the plans sent we have shewn the Pipes in the various Streets, we are aware some modifications may require to be made on these. This can be properly arranged whilst the pipes are being laid.

Main Pipes for the English and American Settlements.—The quantity of Pipes, with the necessary Special Pipes and Valves we propose laying, is as follows, viz:—

3,560 yards	14" pipes.
1,240 "	12" "
1,840 "	10" "
3,100 "	8" "
9,500 "	6" "
3,800 "	5" "
3,500 "	4" "

The weight of these Pipes will be about 1,840 tons, including Special Pipes. Also 200 Hydrants.

Our estimate for the above quantity of Pipes delivered and laid complete, including Special Pipes, Valves, and Hydrants, is	£29,430.0.0
3 Settling Reservoirs	8,270.0.0
3 Filters	9,760.0.0
Pure Water Reservoir	4,945.0.0
2 Sets Engines and Boilers, with Pumps complete, in all 80-H. P. effective	5,840.0.0
Engines and Boilers House, Chimney, Work-shop and Stores	3,200.0.0
Connecting Pipes, Valves, &c., from River to Engine and to Reservoirs and Filters	830.0.0
Piling, &c., for protecting Pipes into the River	885.0.0
Contingencies	3,640.0.0
	<hr/>
	£66,800.0.0

We would recommend that arrangements should if possible be made to supply the French Settlement with water, the same principal Main Pipe would do this, and extra cost would be, say:—

350 yards	8" pipes.
1,100 "	6" "
2,500 "	5" "
6,700 "	4" "

40 Hydrants, and all necessary Valves and Special Pipes. The weight will be about 380 tons, and the cost, including laying, £6,340.

A revenue should be received from this Settlement that would yield a handsome return on the outlay.

It is understood that all ground required for the works will be provided by the Municipality. The Municipality will also have to arrange the compensation payable to owners of ground through which the Pipes will pass.

The Contractors to be held exempt from payment from all duties, harbour dues, &c., on all materials imported for the works.

If the water is brought from "Lang-wha," no extra expense will be incurred for Engines, but at so great a distance from the town a "Stand Pipe" would be required.

Taking the Committee's Estimate, dated 1875, for our data, the cost would be as under, viz:—

667 yards, 18" Suction Pipe (this size in place of 21" we consider ample.)	
8,800 " 18" Pipes and Specials.	

9,467 yards, weighing 2,012 tons will cost delivered	£20,780.0.0
Laying Pipes, Mason Work, Mud Cutting, &c.,	200.0.0
Piling to support Pipes	315.0.0
Outer Piling for protection of Pipes	367.0.0
Laying 5 miles of Pipes	2,975.0.0
Stand Pipe	700.0.0
Contingencies	2,530.0.0
	<hr/>
	£27,867.0.0

We send the following, viz:—

General ground Plan of the Works.

Street Plans shewing canalisation of the Pipes for the English, American, and French Settlements.

One of our Pattern-books with Engines, Water Fittings, &c., per book post. These, with the above information, we trust will be considered satisfactory, and induce the Council to decide to favour us with their order, which they may rely on having our best and most careful attention.

One important reason that we would urge on their consideration as an inducement for not delaying the work, in the *present very low price of materials*.

We are, Sir,

Yours respectfully,

R. LAIDLAW & SON.

P. S.—We found the drawing of ground plan was too large to send by post; we therefore have sent a tracing on cloth. This does not shew so well as the drawing; it can, however, be forwarded afterwards.

SURVEYOR'S OFFICE,
SHANGHAI, 7th June, 1877.

J. HART, Esq.,

Chairman, Municipal Council.

SIR,—In compliance with your request, I have the honour to lay before you a few remarks on the intended Water Supply for Shanghai.

I am of decided opinion that the best water is to be obtained from the Whangpoo River below Dow's Godowns, it there being much purer and less contaminated by sewage and shipping, if taken at the flow, than from the Soochow Creek or at Lung-wha.

It has been said that the water from the source I recommend is likely to be brackish, but I have good authority for saying, "*that though repeatedly tested, no trace whatever of salt has been found in it.*"

Again, it would be much more convenient and economical to have the works situated within the limits of the Settlement.

With regard to cost, Messrs. R. Laidlaw & Son recommend the Soochow Creek scheme at £66,800—which at $5/4$ the Tael = 250,500 Taels; and to supply the French Concession—£6,340, at $5/4$ = Taels 23,775. Total, Tls. 274,275.

Upon examining the plans of canalisation, I am inclined to think they have mistaken the Soochow Creek for the Yang-tsze-poo, inasmuch that the principal mains are laid through the Broadway over Garden Bridge, along the Soochow Road to the Szechuen as far as the Nankin Road, where the smaller sizes are continued through the remainder of the English and French Settlements.

If the water were taken from the Soochow Creek, the mains would be laid from a point near Batt's Bungalow; and if from Lung-wha, through the French Settlement first—if it is intended to supply them, or, if not, near the Cemetery Road to the English Settlement.

It is to be noted that Messrs. R. Laidlaw & Son's estimate £27,867, at $5/4$ = Taels 104,500, extra will be required if brought from Lung-wha.

Their estimates will then stand as under:—

From Soochow Creek.....	Tls. 250,500.00
To which must be added, if from Lung-wha.....	„ 104,500.00
	<hr/>
	Tls. 355,000.00
For French Settlement, additional	„ 23,775.00
	<hr/>
Making in all	Tls. 378,775.00

The above estimate does not include cost of land required.

This is under the estimate given by the late Mr. Oliver, in 1875.

In conclusion, I beg to draw the attention of the Council to my notes of the 23rd May, 1876, (copy enclosed), giving Messrs. R. Laidlaw & Son all the information they asked for, concerning the population, quantity of water required, position of creeks, levels, &c. &c. &c.

I have the honour to be, Sir,

Your obedient Servant,

C. B. CLARK,

Acting Surveyor.

SURVEYOR'S REPORT.

SHANGHAI, *1st January, 1878.*

TO THE WORKS COMMITTEE.

GENTLEMEN,—I beg to hand you the usual report of the principal works, &c. undertaken during the past year.

BRIDGES.—Two iron bridges have been erected, one at the mouth of the Yang-king-pang, and the other at the end of the Shantung Road.

The bridges over the Yang-king-pang, Soochow and Defence Creeks have been repaired from time to time as required.

BUILDINGS.—A godown for the artillery and coals has been erected on the vacant land adjoining Central Police Station.

The various buildings belonging to the Municipality, including the bell towers in the Police Stations, have been kept in repair as necessary.

Some alterations have been made to the Lock Hospital, at the request of the Medical officer.

BUNDINGS.—A hard-wood bunding has been constructed to the Yang-king-pang from the Chekiang to Yunan Road.

A small stone bunding has been built between the No. 1 bridge at the mouth of the Yang-king-pang, and the old stone bunding on the Sungkiang Road, and the entrance of this creek is now being bunded to the jetty in front of Messrs. H. Fogg & Co.'s premises.

Small inexpensive wooden bundings have been erected on the Defence and Soochow Roads, to protect the drain mouths, and minor repairs have been made to existing bundings as required.

CEMETERIES.—The paths in the Old, New and Pootung Cemeteries have been metalled or bricked as required and kept in repair.

The Cathedral compound and the Cemeteries have been kept in order.

For the return of burials in the New and Pootung Cemeteries from the 1st January to 31st December, 1877, as compared with previous years, vide page 63.

CREEKS.—The cleansing and deepening of the Yang-king-pang was commenced on the 1st November, and in terms of contract has to be completed by the 1st March next.

DRAINAGE.—A main drain has been constructed in the Chekiang Road from the Foochow to Hoopeh Road.

The Honan and Seward Roads drain mouths have been extended across the foreshore by wooden boxes.

The Nankin Road is being drained from the Fuhkien to upper Kwangse Road.

Repairs, additions and alterations have been made to the existing drains and sinks as required.

Drains and drain pipes have been laid during the year in various places as per schedule at end of report, vide pages 70 and 71.

FIRE WELLS.—The various wells have been constantly examined and kept in repair.

LAMPS.—A new lamp pillar has been erected in the Woo-foo-loong Road between the Tientsin and Ningpo Roads.

The names of streets have been painted on the lamps at the corners of roads in both settlements.

The ornamental lamp pillars on the Yangtze Road are being raised, and new lanterns for No. 1 bridge at the mouth of the Yang-king-pang have been ordered in place of the present globes, the glass of which is difficult to obtain in case of breakage.

LANDING ACCOMMODATION.—A new iron pontoon has been erected at the end of the Pekin Road, and another is being built for the end of the Canton Road.

Owing to the gale in June last, extensive repairs had to be made to all the wooden pontoons and bridges.

The old pontoon and bridge in front of the Tug and Lighter Co.'s premises have been broken up, being too rotten for further use.

A small jetty has been built at the end of the Chaou-foong Road.

A new bridge has been built for the pontoon in front of the P. & O. S. N. Co.'s premises, and another is being made for the Hankow Road, the old one being quite rotten and useless.

Small jetties have been erected on the Yang-king-pang between the Chekiang and Yunan Roads, and the existing jetties have been kept in repair.

The following table will show the burials in the New and Pootung Cemeteries from the 1st January to 31st December, 1877, as compared with previous years.

	1ST QUARTER. <i>Jan., Feb. & Mar.</i>					Totals	2ND QUARTER. <i>Apr., May & June.</i>					Totals	3RD QUARTER. <i>July, Aug. & Sep.</i>					Totals	4TH QUARTER. <i>Oct., Nov. & Dec.</i>					Totals	Grand Total.
	Men.	Women.	Children.		Men.		Women.	Children.		Men.	Women.		Children.		Men.	Women.	Children.								
			Male.	Female.				Male.	Female.				Male.	Female.			Male.		Female.						
1873	12	1	...	...	13	5	2	1	...	8	5	1	1	...	7	7	2	2	...	11	39		
1874	9	1	2	...	12	3	...	3	...	6	14	5	1	4	24	10	...	3	1	14	56				
1875	5	2	3	...	10	6	1	...	...	7	10	...	1	1	12	14	2	1	...	17	46		
1876	7	...	1	3	11	12	...	1	1	14	18	2	1	1	22	14	1	2	...	17	64				
1877	15	...	1	...	16	12	...	...	1	13	25	1	2	2	30	18	3	3	1	25	84		

LATRINES AND URINALS.—The public latrine in the Bun-toon-loong alley has been repaired.

The public urinal on the Sungkiang Road between the Kiangse and Honan Roads has been removed at the request of the owners of property in that neighbourhood, it having been found to create rather than diminish a nuisance.

The latrines on the old Race Course between the Hankow and Foochow Roads have been removed at the request of owners of properties.

PUBLIC GARDEN.—The pavilion, green-house, seats and lamps have been re-painted and varnished, and the paths and slope kept in order.

Owing to the gale in the summer the slope to the river had to be almost entirely renewed.

A small bunding had to be erected near the Pekin Road jetty to prevent this corner of the garden being washed away.

The nursery garden has been drained and a furnace built for heating the green-house.

RIFLE BUTTS.—The iron target from England has been fixed.

Minor repairs have been made to the old target, marker's hut, the range, &c. as necessary.

ROADS.

The following have been *metalled*—

Boone,—From Broadway to Seward Road.

Broadway,—From Garden Bridge to Hongkew Creek.

Chapoo,—From North Soochow to Tiendong Road.

Chekkiang,—From Pekin Road to Soochow Creek.

Defence,—From Pekin Road to Soochow Creek.

Foochow,—From Yangtsze to Defence Road.

Hankow,—From Yangtsze to Shantung Road.

Hoopeh,—From Nankin to Defence Road.

Kiangse,—From Sungkiang to Foochow Road.

Ming-hong,—From North Yangtsze to Miller Road.

Nanxing,—From Whangpoo to Boone Road.

Ningpo,—From Szechuen to Kiangse Road.

North Szechuen,—From North Soochow to Tiendong Road.

Seward,—From Tiendong to Boone Road.

Shantung,—From Foochow to Canton Road.

Soochow,—From Szechuen Road to Boat House.

Sungkiang,—From Honan to Shantung Road.

Szechuen,—From Sungkiang to Foochow Road.

Szechuen,—From Nankin to Soochow Road.

- Taiping*,—From Broadway to Whangpoo River.
Tiendong,—From Broadway to Woosung Road.
Tsing-poo,—From Broadway to North Yangtsze Road.
Whangpoo,—From Tsingpoo to Woosung Road.
Woosung,—From Broadway to Woosung Road.
Woosung,—From Whangpoo to Ming-hong Road.

The following have been *bricked* and *sanded*—

- Canton*,—From Chekiang to Defence Road.
Fearon,—From Broadway to Seward Road.
Hoopah,—From Chekiang to Defence Road.
Ming-hong,—From Woosung to Miller Road.
Sungkiang,—From Chekiang to Yunan Road.
Yang-tsze-poo,—From Gibb's Wharf to Creek.

Chip pavement has been laid as under—

- Canton*,—From Hoopah to near Quangse Road.
Chekiang,—From Foochow to Sungkiang Road.
Ningpo,—From Honan to Fuhkien Road.
Shantung,—Approach to Bridge, Yang-king-pang.
Taewan,—From Woo-foo-loong to Fuhkien Road.
Tiendong,—From Woosung to Chapoo Road.
Woo-foo-loong,—From Tientsin to Ningpo Road.

Appended is a list of *new roads* and those that have been *widened*.

NEW ROADS.

- Amoy*,—From Chekiang to Upper Quangse Road.
Gas Holder,—Continued to proposed line of Seward Road.
Hongkong,—At junction of Kiangse Road.
Sungkiang,—From Chekiang to Yunan Road.
Tiendong,—From Broadway to Whangpoo Road.

ROADS WIDENED.

- Canton*,—Between Yangtsze and Szechuen Roads, north side in front of Messrs. Alfred Dent & Co.'s old hong, south side in front of Messrs. Ladage & Oelke's late premises.
Chekiang,—Between Foochow and Canton Roads, both sides.
Foochow,—Between Yangtsze and Szechuen Roads, north side in front of Messrs. Geo. Smith & Co.'s premises.
Foochow,—At junction of Chekiang Road, north side in front of Claremont Cottage.
Nankin,—Between Honan and Kiangse Roads, south side in front of Lee-ching's shop.

Szechuen,—Between Canton and Sungkiang Roads, east side in front of Messrs. Ladage & Oelke's late premises.

Yunan,—At junction of Hoopoh Road, in front of Rothwell's Garden.

The following table will shew the progress made in the extension, &c. of Roads, named in pages 82 and 83 of report 1876.

1. The Hongkong Road, small portion between Szechuen and Kiangse Roads.	Carried through.
2. The Taiwan Road, east to Shanse Road.	Not yet arranged, opportunity not offering.
3. Continuing Amoy Road in an easterly direction to join the Fuhkien Road.	Portion from Upper Quangse to Chekiang Road has been carried through, remainder awaiting opportunity for arranging.
4. Widening the Kiukiang Road between Hoopoh and Fuhkien Roads.	Not yet arranged, opportunity not offering.
5. Widening and connecting Woosieh Road with the Shanse and Fuhkien Roads.	ditto.
6. Connecting the Loong-zu-yuen alley from Nankin to Taewan Road.	ditto.
7. Continuing the Yang-tsze-poo Road.	Nothing further has been done.
8. Road to define boundaries of Hongkew.	ditto.
9. Widening Ningpo Road to 30 feet, between Shanse and Fuhkien Roads.	ditto.
10. Extension of Shantung Road from Nankin to Ningpo Road.	Not yet arranged, opportunity not offering.
11. Widening Ningpo Road to Defence Creek.	ditto.
12. Yunan Road forming from Amoy to Ningpo Road.	ditto.
13. Chekiang Road from Nankin to Canton Road.	The portion between Nankin and Foochow Roads has been carried through.
14. To widen Foochow Road, west of Hoopoh Road.	Portions near the Hoopoh and Chekiang Roads have been done.

15. Road running parallel to and between Fuhkien and Shanse Roads from Soochow Creek to Nankin Road.

16. Seward Road and two other Roads parallel to Broadway from Hongkew Creek to Dent Road.

17. To continue in the northerly direction to Seward Road; the Taiping, Keecheong, Yuenfong and two other roads.

Nothing further has been done.

ditto.

The continuation of the Gas Holder Road has been carried through, the remaining roads are waiting the completion of the Seward Road before action is taken.

The Yunan Road from Hoopeh to Sungkiang Road is being metalled.

A pond in an unnamed Road, east of Lloyd Road, and others in the Amoy Road between Chekiang and Upper Quangse Roads have been filled in.

A large number of trees have been planted in various roads, owing to the loss sustained by the gale.

The various roads, alleys and foot paths have been kept in repair.

CURBS AND SIDE-CHANNELS.

The following Roads have been laid with curbs and side-channels during the year:—

Broadway,—From Garden Bridge to Hongkew Creek.

Broadway,—From Yuenfong to Chaou-foong Road.

Canton,—From Hoopeh to Quangse Road.

Chekiang,—From Foochow to Sungkiang Road.

Foochow,—From Hoopeh to Chekiang Road.

Hoopeh,—From Canton to Chekiang Road, east side.

Ming-hong,—From Whangpoo to North Yangtsze Road.

Ningpo,—From Honan to Shanse Road.

Taiwan,—From Woo-foo-loong to Fuhkien Road.

Tiendong,—From Woosung to Chapoo Road.

Whangpoo,—From Tsingpoo to Woochang Road, south side.

Curb and side-channel have been altered or relaid in the following Roads, necessitated by widening of roads or rebuilding of houses, &c.

Broadway,—At junction of Nanzing Road.

Canton,—Between Yangtsze and Szechuen Roads.

Foochow,—Between Yangtsze and Kiangse Roads.

Honan,—Between King-loong-ka and Sungkiang Roads.

Kiangse,—Corners of Hankow and Kiukiang Roads.

King-loong-ka,—Between Honan and Shantung Roads.

Nankin,—In front of Messrs. Sayle & Co.'s store.

Shantung,—Between King-loong-ka and Sungkiang Roads.

Whangpoo,—In front of Astor House.

OUTSIDE ROADS.—The Bubbling Well from Defence Creek to the Well; Cross Road from Bubbling Well to Sinza Road; Sinza from Defence Creek to end of village; and New Cemetery Road have been metalled.

Small bundings to protect drain mouths and culverts on the Bubbling Well, Siccawei, Sinza, Jessfield, Markham and New Cemetery Roads have been constructed.

Drain pipes have been laid on the foregoing roads in place of rotten boxes.

Drain pipes have also been laid on the Bubbling Well Road near the entrance to the Grand Stand and ditch filled in.

The trees destroyed on the outside Roads by the gale &c. have been replaced by new ones.

A new road near the Bubbling Well Cottage to the Sinza Road, has been carried through.

The outside roads have been kept in order as required.

I am, Gentlemen,

Your obedient Servant,

C. B. CLARK,

Surveyor to the Council.

Settlement.	Road.	Portion.	Length Feet.	Size.	Shape.
English	Chekiang	From Hoopoh to Foochow Road ...	804.0	3 0 × 2 0	Egg.

DRAIN

Settlement.	Roads.	Portion.	Length in Feet.		
			12 inch.	9 inch.	6 inch.
English	Amoy	Between Chekiang and Upper Kwangse Roads...	...	174.0	80.0
Hongkew	Boone	Between Seward and Broadway Roads	172.0	...	24.0
English	Canton	Between Hoopoh and Chekiang Roads	...	...	56.0
"	"	Between Chekiang and Kwangse Roads	300.0	...	72.0
Hongkew	Chapoo	Between North Soochow and Tiendong Roads	...	...	32.0
English	Defence	Near Hankow Road	64.0	...	...
"	Foochow	Corner of Chekiang Road	...	...	24.0
Hongkew	Gas Holder	North of Broadway	450.0	180.0	56.0
English	Lloyd	Near Nankin Road	...	...	54.0
"	Lock Hospital	South of Foochow Road	...	128.0	68.0
"	{ Lower Yuen- ming-yuen }	.....	...	92.0	2.0
"	Nankin	Between Szechuen and Kiangse Roads	...	...	14.0
Hongkew	North Soochow	Between North Szechuen and Chapoo Roads	...	...	24.0
"	North Szechuen	Corner of Tiendong Road	...	...	36.0
"	"	Between North Soochow and Tiendong Roads	...	...	90.0
"	Taiping	Between Broadway and Woosung Road	...	...	10.0
"	Tiendong	From North Szechuen towards Chapoo Road	...	300.0	70.0
"	Whangpoo	Between Woosung and Astor Roads	...	...	46.0
English	Yangtze	Near Canton Road Jetty	...	...	16.0
"	Yunan	At Junction of Hoopoh Road	...	...	58.0
Outside Road	Bubbling Well	In Front of Race Course	...	109.0	222.0
"	Jessfield	Between Nos. 1 and 2 Bridges	...	...	20.0
"	Markham	Near New Boat House	46.0	...	...
"	New Cemetery	Near Brick Culvert	...	...	30.0
"	New Road	Near Bubbling Well Cottage	...	...	40.0
"	Siccawei	Between Nos. 1 and 2 Bridges	32.0	...	...
"	Sinza	Near Defence Creek	68.0	...	...
"	"	Between Cross Road and Bubbling Well	34.0	280.0	...

SEWER.

Average Gradient.	Where Discharge.	Numbers of			Cost Tails.	Plan.
		Sinks.	Cesspls.	M.-holes.		
1 in 500	Yang-king-pang	4	...	6	1,890.73	D 41

PIPES.

Average Gradient.	Sinks.	Where Discharge.	Cost Tails.	Plan.
From 1 in 240 to 1 in 480	2	Chekang Road Sewer	78.20	D 30
"	2	Boone Road Drain	83.60	"
"	4	Canton Road Drain	32.88	"
"	4	Chekang Road Drain	154.40	"
"	2	Chapoo Road Drain	16.40	"
"	...	Defence Creek	25.60	"
"	2	Chekang Road Drain	14.80	"
"	4	Broadway Sewer	296.54	"
"	...	Ditch	10.80	"
"	3	Foochow Road Drain	67.00	"
"	2	Soochow Creek	38.00	"
"	...	Nankin Road Drain	2.80	"
"	2	North Soochow Road Drain	15.52	"
"	2	North Szechuen Road Drain	18.28	"
"	3	North Szechuen Road Drain	33.00	"
"	1	Taiping Road Drain	7.30	"
"	2	North Szechuen Road Drain	128.10	"
"	2	Whangpoo River	19.20	"
"	1	Whangpoo River	8.20	"
"	...	Yunan Road Drain	11.60	"
"	...	Race Course Ditch	81.13	"
"	...	Ditch	4.00	"
"	...	Ditch	18.40	"
"	...	Ditch	6.00	"
"	...	Ditch	9.20	"
"	...	Ditch	12.80	"
"	...	Ditch	27.20	"
"	...	Ditch	97.60	"

GENERAL.

MUNICIPAL STAFF.

Resignation of Secretary.—Mr. E. B. Souper has resigned his position as Secretary of the Council.

Death.—The Council have to express their regret at the death of Mr. Roggers, Collector and Overseer of Rates.

Appointment.—Mr. A. Johnsford has been engaged in the place of Mr. Roggers, deceased.

Secretariat.—The Foreign Staff now consists of Acting Secretary, Acting Accountant, three Assistants (one engaged temporarily,) and Tax Collector.

SURVEYOR'S OFFICE.

Mr. C. B. Clark, Acting Surveyor, has been appointed Surveyor.

Leave.—Mr. Beckhoff, Overseer, reported himself after nine months leave of absence, on 16th July last.

POLICE.

Variations in Force—Foreigners.—Nine men have been dismissed for misconduct, eight men resigned, one invalided—five died—22 men joined the force during the year.

ACQUISITION OF LAND OR HOUSE PROPERTY BY MUNICIPAL EMPLOYÉS.

It having been deemed desirable to introduce a regulation against the Municipal employés acquiring land or house property in Shanghai or the neighbourhood—the following Resolution was passed on the 17th December last and ordered to be entered in the standing orders.

“That from and after this date no employé of the Council shall be
“allowed directly or indirectly to purchase land or house property within
“either of the Foreign Settlements at Shanghai, or within the districts
“under the jurisdiction of the Council, or of the Council of the French
“Concession at Shanghai, unless such employé intends *bonâ fide* to use
“such land or house property for his own occupation, and first obtains

"the written permission of the Chairman for the time being of the said
"Council to purchase such land or house property."

J. HART, *Chairman.*

J. BELL-IRVING.

G. J. W. COWIE.

P. G. HÜBBE.

E. H. LAVERS.

E. G. LOW.

A. McLEOD.

J. F. SEAMAN.

C. W. SIEGFRIED.

J. A. POND,
Acting Secretary.

COUNCIL ROOM,

17, Keangse Road, February 16th, 1878.

REPORT OF THE FIRE COMMISSION

For the Year 1877.

The Fire Commission submit the following report of the proceedings of the Fire Department during the past year.

OFFICERS.

The Officers elected for the year 1877 were:—

C. J. ASHLEY.....	<i>Chief Engineer.</i>
J. H. VAIL.....	<i>First District Engineer.</i>
B. A. CLARKE	<i>Second do.</i>
A. CHARRIER	<i>Third do.</i>

FIRES.

A list of the fires which have occurred during the year is appended.

The Community is indebted to the officers and men of the various men-of-war in port for much valuable assistance at fires.

FIREWELLS.

The Commission learns with pleasure that the Municipal Council have decided to construct the much needed Firewell at junction of Kiangse and Canton Roads, and they trust that the Municipality will keep in mind the recommendation contained in the last Fire Commission Report, that Firewells be constructed at the following points:—

Junction of Fuhkien and Nankin Roads,
do. of Keechong Road and Broadway.

At present a fire occurring in either of these neighbourhoods would probably result in great loss of valuable property, the efforts of the Fire Department being neutralized by the want of a convenient and sufficient supply of water.

PLANT.

Representations having been made to the Makers of the new "Deluge" Engine, regarding the bad quality of hose sent out with the Engine, the Council have succeeded in getting it replaced by 500 feet of new hose. In compliance with request of the Makers, this hose was tested immediately on its arrival and found to be good.

ACCOUNTS.

Statement of Accounts is appended, showing a balance of Tls. 1,072.62 carried forward to next year's account. This amount includes the sum of Tls. 750, put down in last year's Estimate, for new hose which has not yet been purchased. A saving has also been effected in the working account owing to the small number of fires which have occurred during the year.

ESTIMATE FOR 1878.

The Commission estimates the Receipts and Expenditure for the coming year as under:—

RECEIPTS.

Native Guilds	Tls. 1,500.00
Agents "Victoria" Fire Engine	" 1,182.00
The Taotai	" 400.00
French Municipality	" 1,000.00
Shanghai Municipality	" 2,000.00
Work for Shanghai Municipality	" 500.00
Balance on hand 31st December 1877	" 1,072.62
	<hr/>
	Tls. 7,654.62

EXPENDITURE.

Working Account—

Salaries	Tls. 4,550.00
Rent	" 150.00
Clothing, &c.	" 200.00
Fuel and Light	" 250.00
Repairs and Appurtenances	" 550.00
Coolie hire at fires and practice	" 300.00
Material for Blacksmith	" 450.00
Printing, Stationery and Advertising.....	" 100.00
Extincteur Charges	" 100.00
Taxes and Sundries	" 254.62
	<hr/>
	Tls. 6,904.62

Plant—

New hose, &c.	" 750.00
	<hr/>
	Tls. 7,654.62

A. McLEOD,
Chairman.

C. J. ASHLEY,
Chief Engineer.

J. A. POND,
Acting Secretary, M. C.

H. SAYN,
Secretary, French M. C.

*Members
of Fire
Commission.*

E. A. FABRIS,
Secretary.

SHANGHAI, 16th February, 1878.

SHANGHAI FIRE DEPARTMENT.

STATEMENT OF ACCOUNT *for the Year ending 31st December 1877.*

1877	RECEIPTS.	Tls.	cts.	1877	EXPENDITURE.	Tls.	cts.
	Balance on 1st January	339	52		Salaries—Secretary	137.50	
	Native Guilds—Subscription for current year ...	1,649	00		Departmental Engineer	1,980.00	
	Agents "Victoria" Fire Engine—Contribution for current year	1,182	00		Native Staff—		
	Subscription from Taotai for current year	400	00		Engineers, firemen & watch- men	1,850.11	
	French Municipal Council's appropriation	1,000	00		Blacksmiths and assistant in work-shop	567.22	
	Shanghai Municipal Council—portion of appro- priation	1,650	00			4,534	83
	Blacksmith's work done for the Municipality ...	747	65		Rent—Houses in Honan Road for "Deluge" coolies	143	11
	Sale of hose	100	00		Clothing, painting helmets, &c.	87	33
					Fuel and light	100	68
					Repairs and appurtenances	385	73
					Coolie hire at fires and practice	188	89
					Material for Blacksmith	346	32
					Printing, stationery and advertising	31	51
					Extincteur charges	14	61
					Sundries and taxes	162	54
						5,995	55
					Balance in H'kong & Shanghai Bank... 1,010.54 in Compradore's hands..... 62.08		
						1,072	62
	Tsael	7,068	17		Tael	7,068	17

FIRE RECORD, 1877.

DATE.	HOOR.	LOCALITY OF FIRE.	REMARKS.
Jan. 4	5 A.M.	Kiukiang Road.	Four houses burnt. Extinguished by the Fire Brigade. Origin of fire unknown.
" 4	12.15 P.M.	39, Broadway Road.	Roof of house slightly damaged. Extinguished by the inmates and persons living in the neighbourhood. General alarm given.
" 4	7.30 P.M.	81, Hongkong Road.	Furniture of one room partially burnt. Extinguished by the inmates assisted by some foreigners. No alarm given. Fire caused by a lamp setting fire to the bed curtains.
" 20	8.35 P.M.	6, Yangtze Road.	Contents of a room in which tobacco was stored partially burnt. Fire put out with extincuteurs. No alarm given. Fire caused by the bursting of a charcoal burner.
" 22	6 P.M.	480, Pekin Road.	One house partially burnt. Fire put out with extincuteurs and a small hand fire engine, belonging to a Chinaman living in the neighbourhood of the fire. General alarm given and the Fire Brigade attended. Fire caused by a lamp setting fire to the curtains of a bed.
" 31	11.20 A.M.	2, Foochow Road.	Chimney on fire, put out with extincuteurs. No alarm given.
Feb. 18	2.30 A.M.	271, Honan Road.	Roof of house burnt. Fire put out with extincuteurs. No alarm given.
" 28	3 A.M.	172, Ningpo Road.	One house partially destroyed by fire. Extinguished by police. The house was unoccupied and was probably set on fire by thieves. No alarm given.
Mar. 8	6.30 P.M.	5, Hongkew Road.	Chimney on fire, put out with extincuteurs. Roof of house partially burnt. No alarm given.
" 18	11.50 A.M.	335, Tsingpo Road.	Furniture partially destroyed. Extinguished by police. No alarm given. Origin of fire unknown.
" 26	4 A.M.	238, Shantung Road.	One house partially burnt. Put out with extincuteurs. No alarm given.
Apr. 5	4.45 A.M.	238, Shantung Road.	The house very slightly damaged. Fire put out by the inmates. No alarm given. On the place being examined by the police it had the appearance of having been wilfully set on fire by some one, and it was subsequently found to have been set on fire by an apprentice in the house (a tailor's). The boy with a man who incited him to burn his master's house, were taken to the Mixed Court, and sentenced to a month's imprisonment each.
June 13	11 A.M.	83, Tientsin Road.	One side of the house partly destroyed by fire, which was put out by the inmates. No alarm given. Caused by a cooking stove setting fire to a wooden partition.

FIRE RECORD, 1877.—*Continued.*

DATE.	HOOR.	LOCALITY OF FIRE.	REMARKS.
June 22	2.30 A. M.	126, Pekin Road.	Cook house burnt down. Put out with extincteurs. Caused by a cooking stove setting fire to a wooden partition, which must have smouldered for some hours, when it spread to the cook house which was all in flames before it was discovered. No alarm given.
" 22	4.40 A. M.	8, Tientsin Road.	One house burnt down, and one house roof partially burnt. General alarm given, and the fire extinguished by the Fire Brigade.
July 31	1.45 A. M.	741, Hongkew Village.	Bamboo fence and roof of house slightly damaged. Put out by inmates and neighbours. No alarm given. Appeared to have been set on fire by some person.
Oct. 6	6.30 P. M.	65, Foochow Road.	Three houses burnt. General alarm given, and the fire extinguished by the Fire Brigade. Origin of fire unknown.
" 13	11.30 P. M.	2, Whangpo Road.	A basket in which some hot ashes had been placed and some old mats laid on the top caught fire. This was seen by the Constable on duty, and extinguished before any damage had been done to the buildings. No alarm given.
Dec. 21	11.15 A. M.	17, Nankin Road.	Messrs. Muller & Fisher's premises totally destroyed. Extinguished by Fire Brigade.

DETAILED MUNICIPAL

1st January 1877 to

RECEIPTS.	To 31st Dec. 1876.	To 31st Dec. 1877.	TOTAL.
	Tls. cts.	Tls. cts.	Tls. cts.
<i>Foreign—</i>			
LAND TAX —3/10ths of one per cent. on assessed value of land registered in the various Consulates in the names of foreigners—assessment of 1875-76—from 1st January to 31st December 1877 .....	.....	19,827.44	
Outstanding on 31st December 1877, and considered recoverable .....	.....	323 98	20,151.42
<i>General Municipal Rate—</i>			
6 per cent. on assessed rentals of foreign houses... ..	.....	27,063.65	
Outstanding on 31st December 1877, since received .....	.....	13.50	27,077.15
<i>General Municipal Rate—Native—</i>			
8 per cent. on assessed rentals of Chinese houses... ..	.....	.....	51,606.22
<i>Dues on Merchandize—</i>			
From Public during the year .....	.....	65,059.13	
Outstanding on 31st December 1877, and considered recoverable .....	.....	6,889.20	
From the Taoutai—\$14,000 realised at various rates .....	.....	10,392.75	
Outstanding on 31st December 1876, since received	8,627.00	.....	90,958.08
LICENSE FEES.			
<i>Foreign—</i>			
Wine and spirit retailers	1,804.76		
Theatre and concert	77.44		
Billiard and bowling saloons	244.71		
.....	.....	2,126.91	
<i>Native—</i>			
Sellers of foreign liquors	1,527.99		
Theatres	421.83		
Sampana	1,030.18		
Pawn-shops	2,663.52		
Opium-shops	12,078.73		
Wheelbarrows.....	5,870.21		
Wine shops.....	1,547.37		
Jin-rick-shas	6,068.93		
.....	.....	31,208.76	
<i>Foreign & Native—</i>			
Livery stable keepers	970.71		
Cargo boats.....	4,983.44		
.....	.....	5,954.15	
NIGHT-SOIL.			
Sale of night-soil .....	.....	.....	39,289.82
.....	.....	.....	1,976.90
Carried forward.....Tls.	8,627.00	.....	231,059.59

1.

STATEMENT FINANCE.

31st December 1877.

EXPENDITURE.	Incurred by Council 1876.		Incurred 1st January to 31st Dec. 1877.		TOTAL BALANCE per General Ledger.	
	Tls.	cts.	Tls.	cts.	Tls.	cts.
POLICE FORCE.						
<i>Pay—</i>						
Foreigners .....	.....		24,963.92			
Natives .....	.....		12,459.37			
<i>Deduct—</i>			37,423.29			
For men employed on special service, collection of taxes, &c. ....	.....		2,722.48		34,700.81	
<i>Medical Aid—</i>						
Medicines .....	.....		311.74			
Hospital charges .....	.....		158.48			
Consultation fees .....	.....		10.00		480.22	
<i>Rent—</i>						
Hongkew station .....	.....		1,500.00			
" native constables' quarters .....	.....		96.30			
Louza station .....	.....		246.29			
Chinese Government ground tax .....	.....		8.57		1,851.16	
<i>Insurance—</i>						
On Central station .....	.....		.....		187.50	
<i>Passage Money—</i>						
Amount transferred to "Police Passage Fund" for 3 men entitled to passages home in terms of agreement .....	.....		.....		450.00	
<i>Clothing—</i>						
For the whole force .....	.....		.....		3,021.72	
<i>Incidental Charges—</i>						
Coolie and sampan hire for carrying sick and drunken men .....	.....		67.06			
Food for prisoners .....	.....		1,019.52			
Wages of shroff, messengers and coolies .....	.....		528.00			
Punkah coolies .....	.....		73.43			
Burial of 4 foreign constables and 1 sergeant .....	.....		370.00			
" 3 unknown foreigners .....	.....		13.28			
Taxes on houses occupied by married members of the force .....	.....		40.61			
Printing and stationery .....	.....		90.21			
Fuel and light .....	.....		1,989.46			
Miscellaneous charges .....	.....		69.25		4,260.82	
Carried forward	Tls.	.....	.....		44,952.23	

MUNICIPAL FINANCE—*Continued.*

RECEIPTS.	To 31st Dec. 1876.	To 31st Dec. 1877.	TOTAL.
Brought forward .....Tls.	8,627.00	.....	231,059.59
SANITARY DEPARTMENT.			
<i>Lock Hospital—</i>			
Fees collected 243.80			
<i>Less—Paid French Council one-half</i> 121.90			
	.....	.....	121.90
Carried forward .....Tls.	8,627.00	.....	231,181.49

MUNICIPAL FINANCE—Continued.

EXPENDITURE.	Incurred by Council 1876.	Incurred 1st January to 31st Dec. 1877.	TOTAL BALANCE per General Ledger.
Brought forward .....Tls.	.....	.....	44,952.23
RELIEF FUND.			
Distributed during the year to foreign and native poor .....	.....	.....	125.40
SANITARY DEPARTMENT.			
<i>Foreign & Native Hospitals—</i>			
General Hospital—Grant for current year .....	.....	2,000.00	
Hospitals for Chinese .....	.....	1,000.00	3,000.00
<i>Lock Hospital—</i>			
Pay of 2 surgeons	1,000.00		
Wages of constable, &c.....	140.00		
Rent of building	64.08		
Taxes on building	20.05		
Repairs and alterations.....	98.71		
Furniture, linen, instruments, &c.....	81.75		
Medicines	29.70		
Stationery and incidentals	20.57		
	1,454.86		
Less—Received from French Council.....	727.43		
	.....	.....	727.43
<i>Medical—</i>			
Pay of Officer of Health .....	.....	500.00	
" Municipal Surgeon .....	.....	750.00	1,250.00
<i>Markets & Nuisance—</i>			
<i>Pay—</i>			
Inspector of Nuisances, Markets and Livery Stables .....	.....	2,100.00	
2 Assistants .....	.....	900.00	
1 do. for Hongkew .....	.....	420.00	
temporary assistance during summer .....	.....	48.67	
1 Native Overseer .....	.....	96.00	
<i>Labour—</i>			
Removing night-soil and garbage and sweep- ing streets .....	.....	5,253.53	
Watering roads (the Bubbling Well road included) .....	.....	3,368.20	
Weeding roads .....	.....	138.87	
Watchmen for preventing nuisances .....	.....	317.19	
Cleaning drains in native quarters .....	.....	534.88	
Hire of jin-rick-shas for assistants during the summer months .....	.....	15.20	
Extra labour employed during the prevalence of cholera.....	.....	368.47	
Disinfectants .....	.....	926.20	14,487 21
LIGHTING.			
Gas for Settlement and Bubbling Well road .....	.....	14,394.23	
Outstanding on 31st December 1876, since paid ...	362.00	.....
Painting street names on public lamps .....	.....	63.11	14,819.34
Carried forward.....Tls.	362.00	.....	79,361.61

MUNICIPAL FINANCE—*Continued.*

RECEIPTS.	To 31st Dec. 1876.	To 31st Dec. 1877.	TOTAL.
Brought forward .....Tls.	8,627.00	.....	231,181.49
SURVEYOR'S OFFICE.			
Fees for permits for connecting with public drains and erecting sunshades.....	.....	256.43	275.38
Fees for making tracings of properties .....	.....	18.95	
Carried forward .....Tls.	8,627.00	.....	231,456.87

MUNICIPAL FINANCE—Continued.

EXPENDITURE.	Incurred by Council 1876.	Incurred 1st January to 31st Dec. 1877.	TOTAL BALANCE per General Ledger.
Brought forward .....Tls.	362.00	.....	79,361.61
SURVEYOR'S OFFICE.			
<i>Pay—Foreign Staff—</i>			
Surveyor .....	.....	3,240.00	
Assistant .....	.....	460.00	
Drainage Foreman—absent 7 months on half pay .....	.....	595.00	
Overseer .....	.....	772.50	
Assistant Overseer .....	.....	577.42	
Temporary Assistant for 7 months .....	.....	350.00	
		5,994.92	
<i>Native Staff—</i>			
Office writer .....	.....	720.00	
do. temporary.....	.....	30.00	
Tracer .....	.....	330.00	
Head Foreman and Interpreter .....	.....	210.00	
Office boy.....	.....	80.00	
Carpenter.....	.....	144.00	
Water coolie .....	.....	26.16	
<i>Rent and allowances—</i>			
Allowance to Assistant Overseer .....	.....	60.00	
Rent of ground on Soochow Creek for storing road materials.....	.....	150.00	
<i>Insurance—</i>			
On furniture, instruments and plans in office .....	.....	30.00	
Fuel and light.....	.....	54.87	
Newspapers, stationery and sundries .....	.....	112.81	
Jin-rick-sha hire during summer months .....	.....	59.76	
Incidentals .....	.....	52.57	
		8,055.09	
PUBLIC WORKS.			
<i>Bridges—</i>			
General repairs .....	.....	200.10	
Yang-king-pang iron bridge at the end of the Shantung road—half cost outstanding on 31st December 1876, since paid	593.00	.....
Half cost of erecting .....	.....	364.05	
Yang-king-pang No. 1 bridge abutment—contract outstanding on 31st December 1876, since paid	3,000.00	.....
<i>Buildings—</i>			
Ordinary repairs to all buildings.....	.....	783.98	
<i>Buildings—</i>			
Yang-king-pang—			
Fukien to Hupeh road .....	.....	3,059.00	
From Yangtze road to the mouth of the Creek Contract outstanding on 31st December 1877 .....	.....	663.60	
Ordinary repairs .....	.....	1,760.00	
		424.25	
<i>Creeks—</i>			
Yang-king-pang—Cleansing (half-cost)—contract outstanding on 31st December 1877 .....	.....	1,500.00	
Carried forward .....Tls.	3,955.00	15,347.98	87,416.70

MUNICIPAL FINANCE—*Continued.*

RECEIPTS.	To 31st Dec. 1876.	To 31st Dec. 1877.	TOTAL.
Brought forward .....Tls.	8,627.00	.....	231,456.87
Carried forward.....Tls.	8,627.00	.....	231,456.87

MUNICIPAL FINANCE—Continued.

EXPENDITURE.	Incurred by Council 1875 and 1876.	Incurred 1st January to 31st Dec. 1877.	TOTAL BALANCE per General Ledger.
Brought forward .....Tls.	3,955.00	12,347.98	87,416.70
PUBLIC WORKS—Continued.			
<i>Drainage—</i>			
Broadway drain—balance of account .....	.....	411.60	
Making subsidiary drains, laying drain-pipes, and making sinks .....	.....	340.57	
Ordinary repairs to all drains .....	.....	152.41	
Nanking road—			
From Fuhkien to Hupeh road—contract out- standing on 31st December 1877 .....	.....	1,000.00	
From Hupeh to Upper Kwangse road—con- tract outstanding on 31st December 1877 .....	.....	850.00	
From Kiangse to Honan road—contract out- standing on 31st December 1877 .....	.....	850.00	
Chekiang Road—From Hupeh to Nanking Road— Contract outstanding on 31st December 1875...	1,881.89	.....
<i>Fire Wells—</i>			
Junction Kiangse and Canton Roads—Outstand- ing on 31st December 1877 .....	.....	1,000.00	
Repairs .....	.....	9.43	
<i>Landing Stages—</i>			
New iron pontoon .....	.....	3,500.00	
Chaufoong road jetty .....	.....	229.75	
Repairs .....	.....	1,010.74	
<i>Roads—</i>			
Granite chips, sand and broken bricks .....	.....	14,939.22	
Contract outstanding on 31st December 1876, since paid.....	847.00	.....
Granite blocks for curbs and channel stones.....	.....	4,068.03	
Labour—Making and repairing roads.....7,011.55			
Laying curbs & side channels... 406.12			
.....	.....	7,417.67	
Expenses working stone crusher.....	.....	94.53	
Laying chip pavement in native streets .....	.....	3,454.11	
Keeping Municipal Council's compound in order, and laying turf in front of Local Post Office...	.....	175.88	
Trees, cost of .....	.....	36.95	
Contract outstanding on 31st December 1876, since paid.....	225.00	.....
Miscellaneous charges .....	.....	81.08	
Canton Road— m. f. l. h.			
Paid for portion of Lot 14, T.D. 33 0 1 8 3...1,098.00			
Paid for portion of Lot 14a, T.D. 90 0 1 0 7... 481.50			
and Compensation for rounding off corner of premises	200.00		
.....	.....	1,779.50	
Chekiang Road— m. f. l. h.			
Paid for portion of Lot 1150, T.D. 1143 0 0 8 5... 100.00			
Paid for portion of Lot 968, T.D. 961 0 7 3 8... 553.50			
Paid for moving back wall Claremont Cottage..... 70.00			
Paid for taking down and re-building native houses	109.22		
.....	.....	832.72	
Carried forward .....Tls.	6,908.89	57,536.06	87,416.70

MUNICIPAL FINANCE—Continued.

EXPENDITURE.	Incurred by Council 1875 and 1876.	Incurred 1st January to 31st Dec. 1877.	TOTAL BALANCE per General Ledger.
Brought forward .....Tls.	6,908.89	57,536.06	87,416.70
PUBLIC WORKS—Continued.			
<i>Roads—continued—</i>			
Foochow Road— <i>m. f. l. h.</i>			
Paid for portion of Lot 302, T.D. 295 0 7 1 7... 537.75			
Paid for portion of Lot 816, T.D. 809 0 0 6 3... 267.75			
Outstanding on 31st Dec. 1876, since paid 1,000.00		805.50	
Nanking Road—			
Paid for portion of Lot 152a, T.D. 57 0 0 9 1... 455.00			
Compensation re-building boundary wall..... 100.00		555.00	
Amoy Road—Paid for portion of Lot 768, T.D. 761, and Lot 776, T.D. 769 1 6 6 5... ..		499.50	
Yunnan Road—			
Paid for portion of Lots 151v, 345, 350 0 3 0 4... 185.09			
Paid labour for widening and form- ing road 98.27		283.36	
Chefoo Road—For removing boundary wall of lots 1056 and 151ee to rectify low drains		45.00	
Hongkong Road—Compensation for removing houses		200.00	
Hongkew—			
Whangpoo Road—Compensation for rounding off corner of premises		100.00	
Gas Holder Road—			
Paid for portion of land for extension 0m. 8f. 5l. 0h. 135.00			
Paid for removing and re-erecting latrine, &c. 81.40		216.40	
<i>Latrines—</i>			
Repairs and alterations.....		246.99	
<i>Outside Roads—</i>			
Maintenance and repairs		3,722.88	61,487.81
Making up new road from Bubbling Well road to Sinza road		24.48	
Trees, cost of		361.27	
Contract outstanding on 31st December 1877...		400.00	
Repairs to bridges		169.21	
do. to bundings		39.47	
Rent of land for storing road materials		23.10	
Repairs to seats at Bubbling Well turn		22.38	
Bubbling Well road—balance of contract for me- talling.—Outstanding on 31st December 1876	1,000.00		
Markham road extension to Jessfield road—mark- ing out line of road. On account of outstand- ing contract on 31st December 1875	50.50		
			5,813.29
Carried forward .....Tls.	8,959.39		154,717.80

MUNICIPAL FINANCE—*Continued.*

RECEIPTS.	To 31st Dec. 1876.	To 31st Dec. 1877.	TOTAL.
Brought forward .....Tls.	8,627.00	.....	231,456.87
CEMETERIES.			
New Cemetery—For 40 vaults at Tls. 10 .....	.....	400.00	492.25
For 41 graves at Tls. 2.25 .....	.....	92.25	
LOCAL POST OFFICE.			
Subscribers for the year .....	.....	2,302.50	4,680.96
Postage on loose letters for the year .....	.....	1,057.04	
Expresses circulated .....	.....	422.00	
Sale of stamps and post-cards .....	.....	888.74	
Outstanding on 31st December 1877, and con- sidered recoverable .....	.....	10.68	
Carried forward.....Tls.	8,627.00	.....	236,630.08

MUNICIPAL FINANCE—Continued.

EXPENDITURE.	Incurred by Council 1875 and 1876.	Incurred 1st January to 31st Dec. 1877.	TOTAL BALANCE per General Ledger.
Brought forward .....Tls.	8,959.39	.....	154,717.80
CEMETERIES.			
Pay of Sextoness for all cemeteries and allowance for chair coolies .....	.....	238.62	
Pay of Gardeners for care of cemetery and cathedral compound .....	.....	769.77	
Chinese Government ground rent .....	.....	71.06	
Pootung Cemetery—Repairing paths and jetty .....	.....	77.46	
			1,156.91
PUBLIC GARDEN.			
Maintenance of garden (for detail see Garden Com- mittee's report) .....	.....	371.41	
Painting pavilion, repairing shed and seats, building oven flues, and chimney to green house .....	.....	225.28	
Cost of trees, plants, bulbs, &c. ....	.....	218.73	
Incidental expenses, repairing paths, &c. ....	.....	136.16	
			951.58
LOCAL POST OFFICE.			
Pay—			
Postmaster .....	.....	2,000.00	
Assistant .....	.....	267.50	
Delivery coolies .....	.....	1,679.35	
Mail bags .....	.....	64.19	
Fuel and light .....	.....	61.98	
Newspapers, printing and advertising .....	.....	198.13	
Invoice of stamps and postal cards .....	.....	222.58	
Incidental charges .....	.....	24.62	
Agencies at Foochow and Pagoda Anchorage .....	.....	181.25	
			4,699.60
SECRETARIAT.			
Foreign—Pay—			
Secretary	4,239.96		
Six months' pay on resignation	2,119.98		
		6,359.94	
Accountant		2,800.00	
Assistant—Tax office		2,400.00	
do. General office		1,800.00	
do. Dues office		1,800.00	
Late Overseer and Collector of rates	975.00		
Temporary Collector of rates	260.00		
Overseer and Collector of rates	500.00		
		1,735.00	
Foreign Collectors of native rates and license fees		1,600.00	
Carried forward .....Tls.	8,959.39	18,494.94	161,525.89

MUNICIPAL FINANCE—*Continued.*

RECEIPTS.	To 31st Dec. 1876.	To 31st Dec. 1877.	TOTAL.
Brought forward .....Tls.	8,627.00	.....	236,530.04
POUND FEES.			
Poundage for cattle found straying .....	.....	.....	24.34
Carried forward .....Tls.	8,627.00	.....	236,654.42

MUNICIPAL FINANCE—Continued.

EXPENDITURE.	Incurred by Council 1875 and 1876.	Incurred 1st January to 31st Dec. 1877.	TOTAL BALANCE per General Ledger.
Brought forward .....Tls.	8,959.39	18,494.94	161,525.89
SECRETARIAT—Continued.			
<i>Native Staff—</i>			
Linguist and Assistant	720.00	
Compradore and Assistants	2,009.35	
2 Chinese tax writers	310.49	
Sampan-man employed in the collection of sam- pan tax.....	96.00	
Godown-man	102.00	
Policeman at Council House	96.00	
<i>Native Servants—</i>			
For Municipal offices.....	286.50	
Office boy for Dues office at Custom House	93.00	
Coolie for numbering Chinese houses	24.00	
Punkah, chair and water coolies	157.53	
			22,389.81
GENERAL CHARGES.			
Fuel and light for all offices, stables and godown	205.62	
Insurance on Municipal buildings	262.50	
Law expenses.....	1,668.68	
Audit fee	500.00	
Stationery, printing and advertising	1,675.11	
Postages	64.86	
House and public vehicle numbers	637.48	
Incidentals	123.20	
			5,137.45
STUD BRANCH.			
Animals for public works.....	2,983.50	
do. for removing garbage	4,339.00	
For Secretary	179.24	
„ Surveyor	179.24	
„ Superintendent of Police	179.22	
„ Inspector of Police.....	180.00	
„ Inspector of Nuisances, Markets & Livery Stables	180.00	
„ Collector and Overseer of rates	180.00	
Oil for carts, wheelbarrows and harness	69.69	
			8,469.89
FIRE DEPARTMENT.			
Contribution (vide report of Fire Commission)	1,650.00
VOLUNTEERS.			
Band expenses	810.93	
Pay of armourer, coolie and markers at Rifle Butts.....	917.93	
Insurance on arms	40.00	
Chinese Government ground tax on land at the Rifle Butts.....	21.40	
Carried forward.....Tls.	8,959.39	1,790.26	199,173.04

MUNICIPAL FINANCE—*Continued.*

RECEIPTS.	To 31st Dec. 1876.	To 31st Dec. 1877.	TOTAL.
Brought forward .....Tls.	8,627.00	.....	236,654.43
MUNICIPAL STOCK & STORES ACCOUNT.			
<i>Volunteer Stock—</i>			
Sale of Cartridges	234.50		
„ 366 Enfield Rifles (breech-load- ing)	2,271.68		
„ 86 Enfield Rifles (muzzle-load- ing)	287.00		
„ sundry condemned stock	10.90		
	.....	2,804.08	
<i>Miscellaneous—</i> Sale of plans of the Settlement, drain- pipes, coals, condemned stock, &c. ....	.....	2,067.34	
			4,871.43
INTEREST ACCOUNT.			
On Tls. 15,000 municipal debentures forming Special Deposit Account .....	.....	1,200.00	
On daily balance at Bank; .....	.....	162.87	
			1,362.87
SINKING FUND.			
Interest on balance .....	.....	.....	454.32
LAND & BUILDINGS.			
Rent of Lock Hospital .....	.....	.....	64.08
Carried forward .....Tls.	8,627.00	.....	243,407.11

MUNICIPAL FINANCE—Continued.

EXPENDITURE.	Incurred by Council 1876 and 1876.	Incurred 1st January to 31st Dec. 1877.	TOTAL BALANCE per General Ledger.
Brought forward .....Tls.	8,959.39	1,790.26	199,173.04
VOLUNTEERS—Continued.			
Godown rent on cartridges stored at Pootung .....	.....	224.62	
Subscription to National Rifle Association for 1877— £10 10s. ....	.....	39.38	
Invoice of Volunteer badges .....	.....	24.84	
Gold and Silver clasps, and prizes to temporary holders of Municipal Challenge Cup .....	.....	123.87	
Printing, stationery and advertising .....	.....	165.46	
Repairs to Rifle Butts and target .....	.....	114.96	
Incidental charges .....	.....	88.04	
			2,571.43
MUNICIPAL STOCK & STORES ACCOUNT.			
Public Works—Purchase of, and repairs to, plant .....	.....	1,796.88	
Sanitary Department—Purchase of, and repairs to, plant .....	.....	2,359.50	
Furniture and gas fittings for offices and police stations .....	.....	495.30	
Purchase of harness and repairs to traps .....	.....	341.66	
Public Garden—Hand engine, garden seats .....	.....	353.89	
Volunteer Stock— 205 Martini-Henry Rifles .....3,168.19			
New Iron Target 141.83			
Fittings for Rifles..... 82.86			
Cartridges and sundries .....1,068.86			
		4,461.74	
Miscellaneous stores, books, &c. ....	.....	363.99	
Coals for use of departments (see contra) .....	.....	1,306.00	
Street lamps, repairs, &c. ....	.....	184.51	
Contract outstanding on 31st December 1876, since paid	84.00	.....
			11,747.47
INTEREST ACCOUNT.			
On Debentures—Tls. 102,500 @ 8 per cent. ....	.....	8,200.00	
" Police Gratuity Fund .....	.....	645.91	
" Police Savings' Bank .....	.....	22.42	
" Messrs. Blethen & Vail's land (late intended site for Hongkew Police station) Tls. 8,500 @ 8 per cent. per annum from 1st November 1875 to 9th May 1876 .....	.....	355.84	
			9,224.17
SINKING FUND.			
Amount deposited at Hongkong & Shanghai Bank— 1 year from 31st March 1877 to 31st March 1878 @ 5 per cent. per annum .....	.....	3,004.03	
Interest from 1st January to 30th September 1877.....	.....	454.32	
			3,458.35
LAND & BUILDINGS.			
Work-shop and Artillery godown .....	.....	.....	840.00
Carried forward .....Tls.	9,043.39	.....	227,014.46

MUNICIPAL FINANCE—Continued.

RECEIPTS.	To 31st Dec. 1876.	To 31st Dec. 1877.	TOTAL.
Brought forward .....Tls.	8,627.00	.....	243,407.11
TELEGRAPH LINES.			
Paid by owners of private lines for use of Council's poles .....	.....	.....	500.00
OUTSTANDING ACCOUNTS 1876.			
On closing accounts at 31st December 1876, rates, dues, &c. outstanding at that date were estimated	8,627.00		
They have amounted to	9,593.38		
<i>Surplus</i> carried to revenue for current year ...	.....	966.38	
The outstanding bills, &c. on the 31st December 1876 were estimated and placed to the expenditure of that year	8,725.00		
<i>Deduct</i> —Malay street widening written off below	1,000.00		
	7,725.00		
Of this has been expended during the year	7,518.61		
Still outstanding—Seward road—continuation of	614.00		
	8,132.61		
	407.61		
Malay Street widening written off, owing to the uncertainty of getting this improvement effected	1,000.00		
	592.39		
OUTSTANDING ACCOUNTS 1875.			
New road from New Cemetery to Siccawei road written off, owing to the uncertainty of getting this improvement effected	2,000.00		
This saving credited to the year .....	.....	2,592.39	
	8,627.00		
From which deduct Outstandings 1876			8,627.00
Showing TOTAL RECEIPTS for out-going Council's term of office			238,838.88
SURPLUS 1876			3,942.97
		Tls.	242,781.85
Depreciation on Property and Stores			Tls. 10,000.00

Audited and found correct.

P. MACLEAN,
Auditor.

MUNICIPAL FINANCE—*Continued.*

EXPENDITURE.	Incurrd by Council 1875 and 1876.	Incurrd 1st January to 31st Dec. 1877.	TOTAL BALANCE per General Ledger.
Brought forward .....Tls.	9,043.39	.....	227,014.46
TELEGRAPH LINES.			
Maintenance of all lines by contract .....	.....	1,500.00	
Removing poles and wires where interfering with trees .....	.....	250.00	
Repairs and alterations .....	.....	51.55	1,801.55
MUNICIPAL LOAN of 1872.			
100 Debentures redeemed .....	.....	.....	10,000.00
SHANGHAI MUSEUM.			
Contribution .....	.....	.....	250.00
CONTINGENCIES.			
For report on means of egress from foreign and native theatres in case of fire .....	.....	150.00	
Contribution to Wind Instrument Society .....	.....	74.00	
Water Works—Charts .....	.....	4.33	228.33
TAX SUSPENSE.			
Amount considered irrecoverable, written off .....	.....	.....	718.83
	9,043.39		240,013.17
Deduct outstandings 1876			9,043.39
Showing EXPENDITURE for out-going Council's term of office			230,969.78
SURPLUS of Income over Expenditure			11,812.07
		Tls.	242,781.85
General Balance—Depreciation on Property and Stores written off		Tls.	10,000.00

G. J. W. COWIE,

P. G. HÜBBE,

E. H. LAVERS,

Members of Finance, Rate and Appeal Committee.

DEPOSIT ACCOUNTS.

POLICE REWARD FUND.

Balance on 31st December 1876	Tls. 2,234.97	Newspapers for the force	Tls. 79.40
Fines and Sales of unclaimed property	" 468.27	Balance on 31st December 1877	" 2,623.84
	<u>Tls. 2,703.24</u>		<u>Tls. 2,703.24</u>

POLICE GRATUITY FUND.

Balance on 31st December 1876	Tls. 12,513.79	Grants made to members on leaving the force	Tls. 910.00
Gratuity from Police pay	" 1,758.59	Balance on 31st December 1877	" 14,008.29
Interest on Fund at 5 per cent. per annum	" 645.91		<u>Tls. 14,918.29</u>
	<u>Tls. 14,918.29</u>		

POLICE SAVING'S BANK.

Balance on 31st December 1876	Tls. 195.58	Deposits withdrawn	Tls. 533.04
Deposited by members of the force	" 466.14	Balance on 31st December 1877	" 151.10
Interest on Fund at 8 per cent. per annum	" 22.42		<u>Tls. 684.14</u>
	<u>Tls. 684.14</u>		

POLICE PASSAGE FUND.

Balance on 31st December 1876	Tls. 2,090.44	Passage to Australia of Sergeant Bird (<i>via</i> Hongkong)...	154.08
Transferred from Police charges for men entitled to passages	" 450.00	do. to England of Constable T. Abernethy.....	150.00
			<u>Tls. 304.08</u>
	<u>Tls. 2,540.44</u>	Balance on 31st December 1877	" 2,236.36
			<u>Tls. 2,540.44</u>

FOREIGN LIQUOR SELLERS.

Balance on 31st December 1876	Tls.	509.11	Withdrawn by Foreigners closing taverns	Tls.	533.70
Deposited by Foreigners opening taverns	"	340.52	Balance on 31st December 1877	"	315.93
	Tls.	<u>849.63</u>		Tls.	<u>849.63</u>

NATIVE LIQUOR SELLERS.

Balance on 31st December 1876	Tls.	389.36	Withdrawn by Chinese closing houses of business	Tls.	21.90
	Tls.	<u>389.36</u>	Balance on 31st December 1877	"	367.46
				Tls.	<u>389.36</u>

FOREIGN LIVERY STABLE KEEPERS.

Balance on 31st December 1876	Tls.	56.45	Withdrawn by Foreigners closing stables	Tls.	55.32
Deposited by Foreigners opening stables	"	18.85	Balance on 31st December 1877	"	19.98
	Tls.	<u>75.30</u>		Tls.	<u>75.30</u>

NATIVE LIVERY STABLE KEEPERS.

Balance on 31st December 1876	Tls.	108.16	Withdrawn by Chinese closing stables	Tls.	18.77
Deposited by Chinese opening livery stables	"	165.24	Balance on 31st December 1877	"	254.63
	Tls.	<u>273.40</u>		Tls.	<u>273.40</u>

LOCAL POST OFFICE DELIVERY COOLIES' SECURITY.

Balance on 31st December 1876	Tls.	<u>85.16</u>	Balance on 31st December 1877	Tls.	<u>85.16</u>
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LOCAL POST OFFICE DELIVERY COOLIES' FINE FUND.

Amount of fines	Tls.	<u>2.60</u>	Balance on 31st December 1877	Tls.	<u>2.60</u>
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LOCAL POST OFFICE NON-SUBSCRIBERS' DEPOSIT.

Balance on 31st December 1876	Tls.	179.98	Transferred to Non-subscribers' postage accounts.....	Tls.	479.31
Deposited by Non-subscribers	"	463.00	Balance on 31st December 1877	"	163.67
	Tls.	<u>642.98</u>		Tls.	<u>642.98</u>

SHANGHAI VOLUNTEER PRIZE FUND.

Balance on 31st December 1876	Tls.	24.90	Payments	Tls.	478.68
Collected for prizes	"	486.07	Balance on 31st December 1877	"	32.29
	Tls.	<u>510.97</u>		Tls.	<u>510.97</u>

TREE CONTRACTOR.

Security for supply of trees	Tls.	<u>36.50</u>	Balance on 31st December 1877	Tls.	<u>36.50</u>
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Examined and found correct.

P. MACLEAN,
Auditor.

G. J. W. COWIE,
P. G. HÜBBE,
E. H. LAVERS,
Members of Finance, Rate and Appeal Committee.

No. 3.

LAND, BUILDINGS AND PROPERTY ACCOUNT.

Value as per last Report (vide page 117) 173,720.98

Buildings—

New Godown for Artillery and Coals near Central Police Station ... 840.00

Plant, Stores and Rolling Stock—

Plant for Public Works 1,796.88
 Plant for Nuisance branch 2,359.50
 Furniture and Gas Fittings 579.30
 Coals and Miscellaneous Stores 1,669.99
 Purchase of harness, repairs to traps, &c. 341.66
 Street Lamps 184.51
 ----- 6,931.84

Shanghai Volunteer Corps—

New Martini-Henry Rifles 3,168.19
 Fitments for Rifles 82.86
 Cartridges and Sundries 1,068.86
 New Iron Target 141.83
 ----- 4,461.74

Public Garden—

Hand Engine and Garden Seats 353.89
 ----- 12,587.47

----- 186,308.45

Deduct—

Sale of Snider Rifles, Cartridges, &c. 2,804.08
 Sale of condemned Stock, Drain-pipes, Coals, &c. 2,067.34
 Rent of Lock Hospital 64.08
 ----- 4,935.50

----- 181,372.95

Depreciation written off 10,000.00

 Tals 171,372.95

Audited and found correct.

P. MACLEAN,

Auditor.

OUTSTANDING BILLS.

*Public Works—**Bunding—*

Yang-king-pang creek, from No. 1 Bridge to mouth of the Creek..... 1,760.00

Creeks—

Yang-king-pang—Half-cost cleansing 1,500.00

Drainage—

Nanking Road—Fuhkien to upper Kwangse Road 1,850.00

Kiangse to Honan Road 850.00

————— 2,700.00

Fire Well—

Construction of Fire Well—Junction Kiangse and Canton Roads 1,000.00

Outside Roads—

Purchase of Trees 400.00

—————
Taels 7,360.00
—————

Audited and found correct.

P. MACLEAN,

Auditor.

OUTSTANDING ACCOUNTS.

RATES AND TAXES.

Dues on Merchandize—

Dues for Sept. and Oct. 1877—Outstanding and considered good...	20.23
„ „ November—Outstanding and considered good	868.97
„ „ December— „ „ „ „	6,000.00
	<hr/> 6,889.20

Land Tax—

For Half-year to December 1877—Outstanding and considered good	323.98
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General Municipal Rate—Foreign—

Outstanding on 31st December 1877 and considered good	13.50
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Local Post Office—

Outstanding on 31st December 1877 and considered good	10.68
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Totals 7,237.36

GENERAL STATEMENT OF

From 1st January 1877

RECEIPTS.

DETAILED STATEMENT ANNEXED.

1st January 1877—Cash Balance as per page 120 of last Report	69.28
Receipts to 31st December 1877	247,465.88
Less—Outstanding Taxes on that date	7,237.36
	<hr/> 240,228.52
Receipts on Deposit Accounts	5,324.11
Tax Suspense Account—Sundry Accounts transferred	870.38
Suspense Account—Amount transferred	7.77

Tals 246,500.06

I have examined the Books and Vouchers of the Municipality, and certify that the foregoing statements are in accordance therewith.

P. MACLEAN,
Auditor.

RECEIPTS & EXPENDITURE.

to 31st December 1877.

EXPENDITURE.

DETAILED STATEMENT ANNEXED.

Expenditure to 31st December 1877	240,013.17	
Less—Outstanding Contracts, &c.	7,360.00	
		232,653.17
Payments on Deposit Accounts		3,414.20
Special Deposit		5,000.00
Outstanding Account 1875—Amount transferred.....	2,000.00	
" " 1876— " " 	1,000.00	
		3,000.00
Cash Balance, viz:—		
At Hongkong & Shanghai Bank	401.07	
In hands of Compradore	2,031.62	
		2,432.69
		Taels 246,500.06

G. J. W. COWIE,

P. G. HÜBBE,

E. H. LAVERS,

Members of Finance, Rate and Appeal Committee.

BALANCE

Dec. 31st

ASSETS.

LAND, BUILDINGS AND PROPERTY ACCOUNT (vide page 22)	171,372.95
RATES AND TAXES DUE (vide page 24)	7,237.36
SPECIAL DEPOSIT ACCOUNTS.....	20,000.00
SINKING FUND	10,967.50
TAX SUSPENSE ACCOUNT	2,339.64
CASH IN HONGKONG & SHANGHAI BANK	401.07
Do. IN COMPRADORE'S HANDS	2,031.62
	<hr/>
	2,432.69

Tael 214,350.14

I have examined the Books and Vouchers of the Municipality, and certify that the foregoing statements are in accordance therewith.

P. MACLEAN,
Auditor.

SHEET.

1877.

LIABILITIES.

MUNICIPAL LOAN OF 1872 (Balance)	28,700.00	
Do. Do. OF 1873	21,000.00	
Do. Do. OF 1875	42,800.00	
		92,500.00
UNPAID BILLS (vide page 23)		7,360.00
OUTSTANDING ACCOUNTS—Of 31st December 1875	1,867.61	
Do. Do. „ 31st „ 1876	614.00	
		2,481.61
DEPOSIT ACCOUNTS as under, viz:—		
Police Reward Fund	2,623.84	
Police Gratuity Fund	14,008.29	
Police Savings Bank	151.10	
Police Passage Fund	2,236.36	
Foreign Liquor Sellers	315.93	
Native Liquor Sellers	367.46	
Foreign Livery Stable Keepers	19.98	
Native Livery Stable Keepers	254.63	
Local Post Office Delivery Coolies	87.76	
Local Post Office Non-subscribers' Deposit	163.67	
Shanghai Volunteer's Prize Fund	32.29	
Tree Contractor's Security	36.50	
		20,297.81
GENERAL BALANCE		91,710.72
		Taels 214,350.41

G. J. W. COWIE,

P. G. HÜBBE,

E. H. LAVERS,

Members of Finance, Rate and Appeal Committee.

WITH THE ORIGINAL ESTIMATE (AS PER BUDGET) FOR THE SAME PERIOD.

EXPENDITURE.	Balance per General Ledger.	Deduct Disburse- ments on 1875 and 1876 Account.	Actual Expendi- ture on Budget to 31st Dec. 1877.	Estimate 1877.	Increase.	Decrease.
	Tls. cts.	Tls. cts.	Tls. cts.	Tls. cts.	Tls. cts.	Tls. cts.
POLICE—Pay	34,700.81	..	34,700.81	36,412.00	..	1,711.19
Clothing, Boat, Insurance, Medicines and Inci- dental Expenses	10,251.42	..	10,251.42	9,332.50	918.92	..
RELIEF OF POOR	125.40	..	125.40	300.00	..	174.60
SANITARY—						
Foreign and Native Hospitals	3,000.00	..	3,000.00	3,000.00	..	..
Lock Hospital (One-half)	727.43	..	727.43	2,360.00	..	1,632.57
Medical Branch	1,250.00	..	1,250.00	1,300.00	..	50.00
Nuisance and Market Branch	14,487.21	..	14,487.21	14,916.00	..	428.79
LIGHTING	14,819.34	362.00	14,457.34	15,070.00	..	612.66
SURVEYOR'S OFFICE—						
Salaries	7,535.08	..	7,535.08	7,378.00	157.08	..
Rent of ground for storing road materials, &c. ..	210.00	..	210.00	360.00	..	150.00
Insurance, Newspapers, Fuel, Light, Stationery, &c.	310.01	..	310.01	245.00	65.01	..
PUBLIC WORKS—						
Bridges	4,157.15	2,593.00	564.15	1,500.00	..	935.85
Buildings	783.98	..	783.98	1,000.00	..	216.02
Bandings	5,906.85	..	5,906.85	5,450.00	456.85	..
Creeks	1,500.00	..	1,500.00	1,500.00	..	..
Drainage	5,486.47	1,881.89	3,604.58	3,850.00	..	245.42
Fire Wells	1,009.43	..	1,009.43	1,200.00	..	190.57
Landing Accommodation	4,740.49	..	4,740.49	4,000.00	740.49	..
Latrines and Urinals	246.99	..	246.99	..	246.99	..
Roads	37,656.45	2,072.00	35,584.45	34,700.00	884.45	..
OUTSIDE ROADS	5,813.29	1,050.50	4,762.79	4,950.00	..	187.21
PUBLIC GARDEN	951.58	..	951.58	777.50	174.08	..
CEMETERIES AND CATHEDRAL COMPOUND	1,156.91	..	1,156.91	1,258.00	..	101.09
LOCAL POST OFFICE	4,699.60	..	4,699.60	4,976.00	..	276.40
SECRETARIAT—						
Salaries including collection of taxes	22,389.81	..	22,389.81	20,833.00	1,556.81	..
GENERAL CHARGES—						
Audit Fee	500.00	..	500.00	500.00	..	..
Fuel and Light	205.62	..	205.62	225.00	..	19.38
Horse, Wheelbarrow, Cargo Boat, Sampan, Lave- ry Carriage Numbers	637.48	..	637.48	650.00	..	12.52
Insurance	262.50	..	262.50	292.50	..	30.00
Law Expenses	1,668.68	..	1,668.68	1,500.00	168.68	..
Postage	64.86	..	64.86	100.00	..	35.14
Stationery, Printing, Advertising	1,675.11	..	1,675.11	2,300.00	..	624.89
Miscellaneous Charges	123.20	..	123.20	150.00	..	26.80
STUD—Animal Labour	8,469.89	..	8,469.89	9,000.00	..	530.11
FIRE DEPARTMENT	1,650.00	..	1,650.00	2,500.00	..	850.00
VOLUNTEERS	2,571.43	..	2,571.43	2,000.00	571.43	..
INTEREST	9,224.17	..	9,224.17	9,221.00	3.17	..
SINKING FUND	3,458.35	..	3,458.35	3,450.00	8.35	..
MUNICIPAL STOCK AND STORES	11,747.47	84.00	11,663.47	4,650.00	7,013.47	..
LAND AND BUILDINGS	840.00	..	840.00	650.00	190.00	..
MUNICIPAL LOAN	10,000.00	..	10,000.00	10,000.00	..	..
TELEGRAPH LINES	1,801.55	..	1,801.55	1,700.00	101.55	..
SHANGHAI MUSEUM	250.00	..	250.00	250.00	..	..
CONTINGENCIES	228.33	..	228.33	4,326.47	..	4,098.14
TAX SURPLUS	718.83	..	718.83	..	718.83	..
DEPRECIATION AS PER CONTRA	240,013.17	9,043.39	230,969.78	230,132.97	13,976.16	13,139.35
	10,000.00	..	10,000.00	10,000.00	..	..
Tls.	250,013.17	9,043.39	240,969.78	240,132.97	13,976.16	13,139.35

MUNICIPAL BUDGET.

ESTIMATE

FOR THE

YEAR COMMENCED 1ST JANUARY, 1878,

AND

ENDING 31ST DECEMBER, 1878,

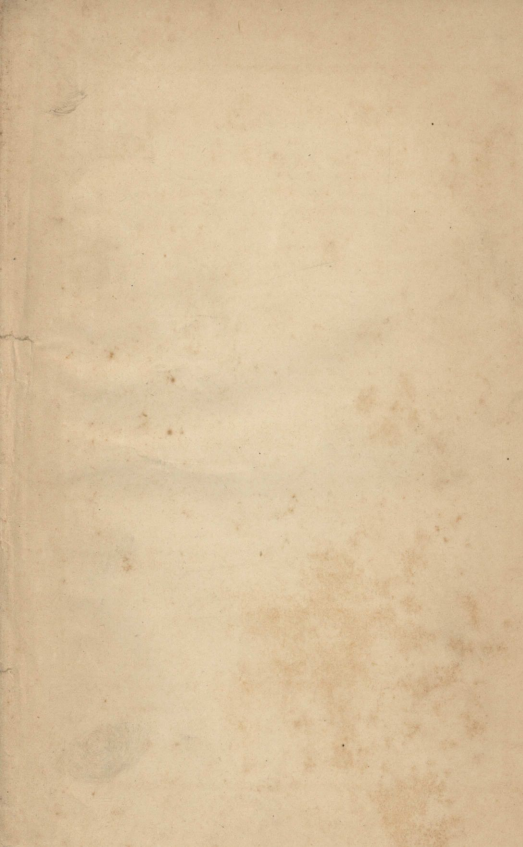
WITH

REMARKS

BY THE COUNCIL FOR THE FOREIGN COMMUNITY OF
SHANGHAI OF 1877.

SHANGHAI :
PRINTED AT THE "NORTH-CHINA HERALD" OFFICE.

1878.



ESTIMATE
FOR THE
MUNICIPAL YEAR

From 1st January, 1878, to 31st December, 1878,

WITH REMARKS BY THE
COUNCIL FOR 1877.

*To be taken in connection with the General Report for the Year ending
31st December, 1877.*

THE *Estimates* now submitted to the Ratepayers for the year ending 31st December, 1878, call for no special remarks.

The Income is estimated at Tls 240,067.07 including a Surplus from 1877 of Tls. 11,812.07. The Council recommend that the Rates, Dues and Taxes of the past year be maintained, namely:—

On Land, $\frac{3}{8}$ of one per cent. per annum on the assessed value.

On Houses occupied by foreigners, 6 per cent. per annum on the assessment, and

On Houses occupied by Chinese, 8 per cent. per annum on the actual rental paid.

Dues on Merchandize.—That the present tariff be continued.

License Fees.—On the existing scale.

They suggest that the Ratepayers authorize the incoming Council to collect as under:—

Land Tax.—Half-yearly in advance, on and after the 1st days of January and June respectively.

General Municipal Rate—Foreign.—Quarterly in advance, on and after the 1st days of January, April, July and October respectively.

General Municipal Rate—Native.—Monthly or quarterly, as may appear advisable, in advance, on and after the 1st January.

Dues on Merchandize.—Monthly.

All such rates and dues being payable at the time specified, and to be paid within fourteen days of demand for payment.

License Fees.—From every House of Public Entertainment, Billiard or Bowling Saloon, or Shop, or Store for the sale of Wines, Beer, Spirits, Intoxicating Drugs, Butchers' Meat, Poultry or Game, Slaughter House or Livery Stable, Opium-Shop, Pawn-Shop, Boat or Public Vehicle, plying, let or used for hire within the limits of the Settlement, monthly or quarterly as may appear advisable—always in advance.

From every Music Hall, Theatre, Circus or Dancing Saloon—Nightly in advance.

Telegraph or Telephone Fees.—At the rate of Tls. 100 per line per annum, in advance.

Cemetery Fees and subscriptions to *Local Post Office*, in advance.

Fees for Permits to use sunshades over public thoroughfares—At time of making application for permit.

Fees for Permits to open roads for the purpose of constructing or repairing connections with Municipal Drains—At time of making application for permit.

The Sale of Night-Soil to the best advantage.

EXPENDITURE.

The sum recommended is Taels **240,067.07**, being an increase on last year's Budget of Taels **9,934.10**. How this increase is distributed amongst the various items is shown in comparative statement on page 25. After providing for the Policing, Scavengering and Lighting of the Settlement, for the Stud, support of the Volunteer Corps, interest on Debentures, and purchase of additional Rolling Stock, Sinking Fund, Local Post Office, and the usual expenses of administration, there remains a sum of Taels **89,133.07**. Of this it is proposed to devote:—

To public improvements, maintenance of and repairs to existing roads and public properties	Taels 68,800.00
To Hospitals	„ 4,000.00
To Fire Department.....	„ 2,000.00
For Extension of Work-Shop	„ 700.00
For redemption of 100 Debentures.....	„ 10,000.00
For Shanghai Museum.....	„ 250.00
For Contingencies	„ 3,383.07
	<hr/>
	Taels 89,133.07

PROSPECTIVE WORKS.

Widening where possible the main thoroughfares of the Settlement.
 Water Supply.
 Public Market.
 New Roads.

MUNICIPAL

Estimate for the Year 1st January

Income.

LAND TAX.		Tls.	cts.	Tls.	cts.
FOREIGN—At 3/10th of 1 per cent. on Tls. 6,726,059, being					
Tls. 6,947,385 total assessed value of land.					
Less	221,326	of property occupied by			
		Hospitals, Churches, Cemeteries, and Municipal			
		Buildings.			
	Tls. 6,726,059			20,180.00	
GENERAL MUNICIPAL RATE.					
FOREIGN—At 6 per cent. on assessed rentals of rateable					
Houses. Tls. 512,370 = 30,742.00					
Allow for houses unoccupied during the year.. 3,742.00					
Estimated to be received					
				27,000.00	
NATIVE—At 8 per cent. on \$999,880 (total assessed					
rentals at 31st December, 1877, of Chinese Houses)					
= \$79,990, at exchange 73..... 58,392.00					
Allow for houses unoccupied during the year, 6,392.00					
Estimated to be received					
				52,000.00	
DUES ON MERCHANDIZE.					
Estimated to be received from the Public 69,800.00					
From the Taotai, \$14,000 say 10,200.00					
				80,000.00	
Carried forward.....					
				179,180.00	

BUDGET.

to 31st December, 1878.

Expenditure.

		Tls.	cts.	Tls.	cts.
POLICE FORCE.					
<i>Pay.—Foreigners.</i>					
1 Superintendent	3,600.00				
3 Inspectors	6,120.00				
9 Sergeants	6,480.00				
20 Constables.....	10,500.00				
		26,700.00			
33 Foreigners.					
<i>Natives.</i>					
8 Sergeants	960.00				
8 Detectives.....	1,548.00				
120 Constables.....	11,232.00				
		13,740.00			
136 Natives.					
		40,440.00			
169					
<i>Deduct for men employed on special service.....</i>		3,100.00			
				37,340.00	
<i>Medical Aid.</i>					
Medicines		300.00			
Hospital charges		200.00			
				500.00	
<i>Rent.</i>					
Hongkew Station		1,500.00			
" Constables' quarters		120.00			
Louza Station.....		333.00			
				1,953.00	
<i>Insurance.</i>					
On Central Station				187.50	
<i>Passages.</i>					
For 3 men entitled to passages home, at Tls. 150 each	}			600.00	
" 1 man that may be invalided	}				
<i>Carried forward.....</i>				40,580.50	

MUNICIPAL BUDGET—Continued.

INCOME.

	Tls.	cts.	Tls.	cts.
<i>Brought forward</i>				179,180.00
LICENSE FEES.				
FOREIGN AND NATIVE.				
FOREIGN—				
From every Wine and Spirit Shop or Store, and and from every Beer Store, and from every House of Entertainment, Hotel or Tavern, according to class of Establishment, from \$120 a \$200 annually.....	1,800.00			
Billiard or Bowling Saloon, for every night open — computed at the rate of \$3 per quarter each Billiard table or bowling alley	250.00			
Telegraph and Telephone Fees.....	500.00			
NATIVE—				
From every Shop or Store selling Foreign Wine, Spirits or Beer, at \$30 each per quarter	1,500.00			
Opium-Houses	12,000.00			
Pawn-Shops	2,500.00			
Wine-Shops	1,500.00			
Sampans	1,000.00			
Jinrickshas	6,000.00			
Wheelbarrows	5,500.00			
FOREIGN AND NATIVE—				
Cargo Boats	4,800.00			
Livery Stables	970.00			
Theatres	500.00			
			.....	38,820.00
SANITARY DEPARTMENT.				
Night-Soil, Sale of.....	1,700.00			
Lock Hospital Fees	375.00			
				2,075.00
<i>Carried forward</i>				220,075.00

MUNICIPAL BUDGET—*Continued.*

EXPENDITURE.

	Tls.	cts.	Tls.	cts.
<i>Brought forward</i>.....	.....		40,580.50	
<i>Clothing.</i>				
For whole force .....	.....		3,120.00	
<i>Funeral Expenses.</i>				
Provision for .....	.....		100.00	
<i>Pay—Native.</i>				
Coolies and messengers at all stations	530.00			
Punkah coolies	100.00			
			630.00	
<i>Prisoners' Food</i> .....	.....		1,100.00	
<i>Fuel and Light</i> .....	.....		1,800.00	
<i>Coolie hire, for carrying sick and drunken men, sampan hire, &c...</i>	100.00			
<i>Printing, Advertising and Stationery</i>	100.00			
<i>Miscellaneous charges</i>	150.00			
			350.00	
			47,680.50	
<i>Relief of Poor.</i>				
For Foreign and Native Poor .....	.....		300.00	
SANITARY DEPARTMENT.				
FOREIGN AND NATIVE HOSPITALS.				
General Hospital	2,000.00			
Hospitals for Chinese	1,000.00			
Lock Hospital.....	1,000.00			
			4,000.00	
MEDICAL BRANCH.				
Pay of Officer of Health	500.00			
„ Municipal Surgeon	750.00			
Medical attendance for casualties in Hongkew	50.00			
			1,300.00	
NUISANCE BRANCH.				
<i>Pay—Foreign Staff.</i>				
Inspector of Nuisances, Markets and Livery Stables.....	2,100.00			
• 3 Assistants.....	1,320.00			
<i>Native.</i>				
Overseer	95.00			
	3,516.00			
<i>Carried forward</i>.....	.....		53,280.50	

MUNICIPAL BUDGET—Continued.

INCOME.

		Tls. cts.		Tls. cts.	
01-000-00	01-000-00	<i>Brought forward.....</i>		220,075.00	
01-000-01	01-000-01				
01-000-02	01-000-02				
01-000-03	01-000-03				
01-000-04	01-000-04				
01-000-05	01-000-05				
01-000-06	01-000-06				
01-000-07	01-000-07				
01-000-08	01-000-08				
01-000-09	01-000-09				
01-000-10	01-000-10				
01-000-11	01-000-11				
01-000-12	01-000-12				
01-000-13	01-000-13				
01-000-14	01-000-14				
01-000-15	01-000-15				
01-000-16	01-000-16				
01-000-17	01-000-17				
01-000-18	01-000-18				
01-000-19	01-000-19				
01-000-20	01-000-20				
01-000-21	01-000-21				
01-000-22	01-000-22				
01-000-23	01-000-23				
01-000-24	01-000-24				
01-000-25	01-000-25				
01-000-26	01-000-26				
01-000-27	01-000-27				
01-000-28	01-000-28				
01-000-29	01-000-29				
01-000-30	01-000-30				
01-000-31	01-000-31				
01-000-32	01-000-32				
01-000-33	01-000-33				
01-000-34	01-000-34				
01-000-35	01-000-35				
01-000-36	01-000-36				
01-000-37	01-000-37				
01-000-38	01-000-38				
01-000-39	01-000-39				
01-000-40	01-000-40				
01-000-41	01-000-41				
01-000-42	01-000-42				
01-000-43	01-000-43				
01-000-44	01-000-44				
01-000-45	01-000-45				
01-000-46	01-000-46				
01-000-47	01-000-47				
01-000-48	01-000-48				
01-000-49	01-000-49				
01-000-50	01-000-50				
01-000-51	01-000-51				
01-000-52	01-000-52				
01-000-53	01-000-53				
01-000-54	01-000-54				
01-000-55	01-000-55				
01-000-56	01-000-56				
01-000-57	01-000-57				
01-000-58	01-000-58				
01-000-59	01-000-59				
01-000-60	01-000-60				
01-000-61	01-000-61				
01-000-62	01-000-62				
01-000-63	01-000-63				
01-000-64	01-000-64				
01-000-65	01-000-65				
01-000-66	01-000-66				
01-000-67	01-000-67				
01-000-68	01-000-68				
01-000-69	01-000-69				
01-000-70	01-000-70				
01-000-71	01-000-71				
01-000-72	01-000-72				
01-000-73	01-000-73				
01-000-74	01-000-74				
01-000-75	01-000-75				
01-000-76	01-000-76				
01-000-77	01-000-77				
01-000-78	01-000-78				
01-000-79	01-000-79				
01-000-80	01-000-80				
01-000-81	01-000-81				
01-000-82	01-000-82				
01-000-83	01-000-83				
01-000-84	01-000-84				
01-000-85	01-000-85				
01-000-86	01-000-86				
01-000-87	01-000-87				
01-000-88	01-000-88				
01-000-89	01-000-89				
01-000-90	01-000-90				
01-000-91	01-000-91				
01-000-92	01-000-92				
01-000-93	01-000-93				
01-000-94	01-000-94				
01-000-95	01-000-95				
01-000-96	01-000-96				
01-000-97	01-000-97				
01-000-98	01-000-98				
01-000-99	01-000-99				
01-000-00	01-000-00	<i>Carried forward.....</i>		220,075.00	

MUNICIPAL BUDGET—Continued.

EXPENDITURE.

	Tls.	cts.	Tls.	cts.
<i>Labour.</i>				
<i>Brought forward</i>	3,516.00		53,280.50	
For removing night-soil and garbage, and sweeping streets ...	5,000.00			
Watchmen to prevent nuisances.....	300.00			
Weeding Roads	234.00			
Cleaning Sinks	1,000.00			
Watering the Roads of the Settlement and Bubbling Well Road	4,600.00			
Disinfectants	350.00			
			15,000.00	
LIGHTING.				
The Settlement and Bubbling Well Road.....	15,000.00			
Cost of painting lamp pillars, &c.	100.00			
			15,100.00	
SURVEYOR'S OFFICE.				
<i>Pay—Foreign Staff.</i>				
Surveyor	3,600.00			
Clerk	600.00			
3 Overseers	2,220.00			
	6,420.00			
<i>Native Staff.</i>				
Writer and Linguist	720.00			
Tracer	330.00			
Interpreter and Head-Foreman	210.00			
Office-boy	84.00			
Carpenter	144.00			
	1,488.00			
<i>Rent.</i>				
For Storing road materials	300.00			
“ “ Tools, &c., in Hongkew	60.00			
	360.00			
<i>Insurance.</i>				
On Furniture, instruments, plans, &c., in Surveyor's office ...	20.00			
<i>Fuel and Light</i>	75.00			
<i>Stationery</i>	100.00			
<i>Incidentals</i>	70.00			
			8,533.00	
<i>Carried forward</i>			91,913.50	

MUNICIPAL BUDGET—*Continued.*

EXPENDITURE.

	Tls.	cts.	Tls.	cts.
<i>Brought forward</i>			91,913.50	
PUBLIC WORKS.				
<i>Bridges.</i>				
General repairs	2,600.00			
Repairs to Louza... ..	2,000.00		4,600.00	
<i>Buildings.</i>				
Ordinary repairs to all buildings.....	1,000.00			
Lavatory	500.00		1,500.00	
<i>Bundings.</i>				
Yang-king-pang—Fuhkien to Hupeh Road	3,250.00			
Hongkew Creek to Seward Road	3,000.00			
Ordinary repairs.....	500.00		6,750.00	
<i>Creeks.</i>				
Yang-king-pang iron railing—From Shantung to Yunnan Road			1,890.00	
<i>Drainage.</i>				
Chekiang Road—From Foochow to Hankow Road.....	1,160.00			
Hankow " " Hupeh " Kwangse "	900.00			
Subsidiary drains	1,000.00		3,060.00	
<i>Fire Wells.</i>				
Repairs.....			200.00	
<i>Landing Stages.</i>				
New iron pontoon	3,500.00			
Repairs.....	1,000.00		4,500.00	
<i>Roads.</i>				
Road materials	15,000.00			
Curbs and side-channels	3,700.00			
Chip pavement for native streets	3,700.00			
Labour.....	8,700.00			
Purchase of land for widening roads, rounding street } corners, &c..... }	8,400.00		39,500.00	
<i>Telegraph Lines.</i>				
Maintenance of all lines by contract	1,500.00			
Incidentals	200.00		1,700.00	
<i>Carried forward</i>			155,613.50	

MUNICIPAL BUDGET—*Continued.*

EXPENDITURE.

	Tls.	cts.	Tls.	cts.
<i>Brought forward</i>.....	.....		155,613.50	
<i>Outside Roads.</i>				
Maintenance of	1,300.00			
Bunding	500.00			
Bridges.....	1,000.00			
Trees.....	200.00			
			3,000.00	
<i>Public Garden.</i>				
Maintenance .....	.....		1,000.00	
CEMETERIES.				
<i>Pay.</i>				
Sextoness for all Cemeteries, and allowance for labour and } coolies	240.00			
Gardener for care of all Cemeteries and Cathedral Compound } Chinese Government Ground Rent.....	635.00			
Incidental charges	83.00			
	142.00			
			1,100.00	
SECRETARIAT.				
<i>Pay—Foreign Staff.</i>				
Secretary	4,240.00			
Accountant	2,800.00			
3 Assistants.....	6,000.00			
	13,040.00			
<i>Tax Office.</i>				
Collector of Rates	1,500.00			
2 Foreign Collectors of Chinese House Tax	1,320.00			
1 „ „ Sampan and cargo-boat tax... ..	660.00			
	3,480.00			
<i>Native Staff.*</i>				
Linguist and Assistant	720.00			
Compradore and Assistants	1,986.00			
2 Chinese tax-writers	300.00			
Sampan-man employed in the collection of sampan tax	97.00			
Godown-man	102.00			
Policeman at Council House	96.00			
<i>Native Servants.</i>				
For Municipal Offices	400.00			
1 Office Boy for Dues Office at Custom House.....	96.00			
Coolie for numbering Chinese houses.....	24.00			
	3,821.00			
			20,341.00	
<i>Carried forward</i>.....	.....		181,054.50	

MUNICIPAL BUDGET—Continued.

INCOME.

	Tls.	cts.	Tls.	cts.
<i>Brought forward</i>.....	.....		220,425.00	
PERMIT FEES.				
Fees for permits for connecting with public drains and for erecting sunshades.....	.....		300.00	
LOCAL POST-OFFICE.				
Subscribers	2,300.00			
Loose Letters, etc.	1,000.00			
Expresses	350.00			
Stamps	850.00			
			4,500.00	
<i>Carried forward</i>.....	.....		225,225.00	

MUNICIPAL BUDGET—Continued.

EXPENDITURE.

	Tls.	cts.	Tls.	cts.
<i>Brought forward</i>			181,054.50	
GENERAL CHARGES.				
<i>Fuel and Light.</i>				
For all Offices, Stables, Godowns, &c.	200.00			
<i>Insurance on Municipal Buildings</i>	262.50			
" " <i>Plant and Stores in Godown</i>	30.00			
<i>Law Expenses</i>	1,500.00			
<i>Audit Fee</i>	500.00			
<i>Stationery, Printing and Advertising</i>	2,000.00			
<i>Postages and Telegrams</i>	100.00			
<i>House and Public Vehicle numbers</i>	300.00			
<i>Incidentals</i>	150.00			
	4,842.50		5,042.50	
STUD.				
<i>Forage and Farriery.</i>				
For 18 Animals for Public Works	3,240.00			
" 31 " " removing garbage	5,580.00			
" Secretary	180.00			
" Superintendent of Police	180.00			
" Inspector " "	180.00			
" Surveyor	180.00			
" Collector and Overseer of Rates	180.00			
" Inspector of Markets, Nuisances and Livery Stables.....	180.00		9,900.00	
FIRE DEPARTMENT.				
<i>Contribution</i>			2,000.00	
VOLUNTEERS.				
<i>Maintenance of</i>			2,000.00	
LOCAL POST OFFICE.				
<i>Postmaster</i>	2,000.00			
<i>Assistant</i>	240.00			
<i>Delivery Coolies</i> }				
<i>Jim-rick-sha</i> " }	1,700.00			
<i>Sampan</i> " }				
<i>Mail Bags</i>	75.00			
<i>Printing, Advertising and Stationery</i>	190.00			
<i>Fuel and Gas</i>	75.00			
<i>Agencies at the Ports</i>	260.00			
<i>Incidentals</i>	150.00		4,690.00	
<i>Carried forward</i>			204,687.00	

MUNICIPAL BUDGET—Continued.

INCOME.

	Tls.	cts.	Tls.	cts.
<i>Brought forward</i>		225	225.00
INTEREST.				
On daily balance at Bank.....		200.00		
„ Tls. 15,000 Municipal Debentures forming Special Deposit Account		1,200.00		
				1,400.00
SINKING FUND.				
Interest on balance			630.00
STOCK AND STORES.				
Sales			1,000.00
				228,255.00
<i>Surplus, 31st December, 1877</i>			11,812.07
				240,067.07
Depreciation on Stock and Stores, to be written off "General Balance"			10,000.00	
			Tls....	250,067.07

MUNICIPAL BUDGET—Continued.

EXPENDITURE.

	Tls.	cts.	Tls.	cts.
<i>Brought forward</i> .....	.....		204,687.00	
INTEREST.				
On Debentures—Tls. 82,500 at 8 per cent. for 12 months } " 10,000 " " " 6 " } " 24,000 " " " 8 " }	8,280.00			
" Police Gratuity Fund	810.00			
" " Savings' Bank	22.00			
			9,112.00	
SINKING FUND			3,630.00	
MUNICIPAL STOCK AND STORES.				
Public Works—Purchase of drain-pipes	1,800.00			
" " " " and repairs to rolling stock, &c.	2,000.00			
Sanitary Department—Purchase of carts, harness and repairs ...	1,100.00			
" " " " neat's foot oil for harness ...	30.00			
" " " " hose for hand-engine and } repairs.....	700.00			
Public Lamps	200.00			
Local Post Office—Purchase of a Jin-rik-sha	25.00			
Blankets for use of Prisoners	100.00			
Iron Bedsteads for Police Constables.....	150.00			
	250.00			
Volunteer Stock—Cartridges	2,200.00		8,305.00	
LAND AND BUILDINGS.				
Blacksmiths' shop			700.00	
MUNICIPAL LOAN OF JUNE, 1873.				
For redemption of 100 Debentures			10,000.00	
SHANGHAI MUSEUM.				
Contribution			250.00	
CONTINGENCIES			3,383.07	
			240,067.07	
<i>Municipal Stock and Stores' Account.</i>				
Amount to be written off for depreciation			10,000.00	
		Taels.....	250,067.07	

SUMMARY OF EXPENDITURE.

	Tls.	cts.	Tls.	cts.
<i>Pay.</i>				
Police	37,970.00			
Sanitary Branch—Nuisance.....	3,516.00			
Surveyor's Office	7,908.00			
Secretariat	20,341.00			
Legal Adviser.....	1,500.00			
Auditor	500.00			
Medical	1,800.00			
Local Post Office	4,200.00			
Cemeteries	875.00			
			78,610.00	
<i>Foreign and Native Hospitals</i>			4,000.00	
<i>Telegraph.....</i>			1,700.00	
<i>Rent.</i>				
Police Stations	1,953.00			
Land for storing road materials	360.00			
			2,313.00	
<i>Insurance.</i>				
Police Station.....	187.50			
Municipal Buildings, including Surveyor's Office and Local Post Office.....	312.50			
			500.00	
<i>Passages.</i>				
Police Constables			600.00	
<i>Clothing.</i>				
For Police Force.....			3,120.00	
<i>Relief of Poor</i>			300.00	
<i>Lighting</i>			15,100.00	
<i>Labour.</i>				
Making and Repairing Roads	8,700.00			
Scavenging and Watering Roads.....	11,134.00			
Animal Labour	8,820.00			
			28,654.00	
<i>Fuel and Light.</i>				
Police	1,800.00			
Surveyor's Office	75.00			
Secretariat	200.00			
Local Post Office	75.00			
			2,150.00	
<i>Public Works</i>			56,300.00	
<i>Carried forward.....</i>			193,347.00	

SUMMARY OF EXPENDITURE—*Continued.*

	Tls.	cts.	Tls.	cts.
<i>Brought forward</i>.....	.....	.....	193,347.00	
<i>Public Garden</i>.....	.....	.....	1,000.00	
<i>Stationery, Printing and Advertising.</i>				
Police	100.00			
Surveyor's Office	100.00			
Secretariat	2,000.00			
Local Post Office	190.00			
			2,390.00	
<i>Forage and Farriery.</i>				
Police	360.00			
Secretariat	360.00			
Surveyor's Office	180.00			
Nuisance Branch	180.00			
			1,080.00	
<i>Volunteers</i> .....	.....	.....	2,000.00	
<i>Fire Department</i>.....	.....	.....	2,000.00	
<i>Interest</i> .....	.....	.....	9,112.00	
<i>Sinking Fund</i> .....	.....	.....	3,630.00	
<i>Land and Buildings</i> .....	.....	.....	700.00	
<i>Stock and Stores</i> .....	.....	.....	8,305.00	
<i>Municipal Loan of 1873</i> .....	.....	.....	10,000.00	
<i>Shanghai Museum</i> .....	.....	.....	250.00	
<i>Miscellaneous Charges.</i>				
Police	1,450.00			
Nuisance Branch	350.00			
Surveyor's Office	70.00			
Secretariat	550.00			
Local Post Office	225.00			
Cemeteries	225.00			
			2,870.00	
<i>Contingencies</i> .....	.....	.....	3,383.07	
<i>Tls.</i> .....	.....	.....	240,067.07	

*Comparative Statement, showing the actual RECEIPTS for 1877, and
ESTIMATED INCOME for 1878.*

RECEIPTS.	1877.		Estimate 1878.	
	Tls.	cts.	Tls.	cts.
Land Tax .....	...	20,151.42	...	20,180.00
General Municipal Rate—Foreign .....	...	27,077.15	...	27,000.00
Native.....	...	51,606.22	...	52,000.00
Dues on Merchandize .....	...	82,331.08	...	80,000.00
Licenses—Foreign.				
Liquor Sellers	1,804.76		1,800.00	
Billiard and Bowling Saloons	244.71		250.00	
Native.				
Liquor Sellers	1,527.99		1,500.00	
Sampana	1,030.18		1,000.00	
Opium-houses	12,078.73		12,000.00	
Pawn-shops	2,663.52		2,500.00	
Wheelbarrows.....	5,870.21		5,500.00	
Jin-rik-shas	6,068.93		6,000.00	
Wine-shops	1,547.37		1,500.00	
Foreign and Native.				
Theatres	499.27		500.00	
Livery Stables.....	970.71		970.00	
Cargo-boats	4,983.44		4,800.00	
		39,289.82		38,320.00
Telegraph fees .....	...	500.00	...	500.00
Cemetery fees .....	...	492.25	...	350.00
Night-soil .....	...	1,976.90	...	1,700.00
Local Post-Office .....	...	4,680.96	...	4,500.00
Interest .....	...	1,362.87	...	1,400.00
Fees for permits for connecting with public drains, erecting sunshades, etc. ....	...	275.38	...	300.00
Lock Hospital fees .....	...	121.90	...	375.00
Pound fees .....	...	24.34	...	...
Municipal Stock and Stores .....	...	4,871.42	...	1,000.00
Land and Buildings .....	...	64.08	...	...
Sinking Fund .....	...	454.32	...	630.00
Outstanding accounts, 1876 .....	...	1,558.77	...	...
" 1875 ..	...	2,000.00	...	...
Surplus, 1876 .....	...	3,942.97	...	...
" 1877 ..	...	...	...	11,812.07
		242,781.85		240,067.07
Depreciation on Municipal Stock, Stores and Buildings .....	...	10,000.00	...	10,000.00
Tls. ....	...	252,781.85	...	250,067.07

*Comparative Statement, showing the actual EXPENDITURE for 1877,
and proposed DISBURSEMENTS for 1878.*

EXPENDITURE.	1877.		Estimate 1878.	
	Tls.	cts.	Tls.	cts.
<i>Police.</i>				
Pay	34,700.81		37,340.00	
Medical aid, rent, and incidental expenses ...	10,251.42		10,340.50	
		44,952.23		47,680.50
<i>Relief of Poor</i> .....	...	125.40	...	300.00
<i>Sanitary</i>				
Foreign and Native Hospitals	3,000.00		3,000.00	
Medical	1,250.00		1,300.00	
Nuisance and Market	14,487.21		15,000.00	
Lock Hospital	727.43		1,000.00	
		19,464.64		20,300.00
<i>Lighting</i> .....	...	14,457.34	...	15,100.00
<i>Painting street names on public lamps</i> .....	...		...
<i>Surveyor's Office.</i>				
Salaries	7,508.92		7,908.00	
Rent of ground for storing road materials, etc.	210.00		360.00	
Insurance, fuel and light, stationery, etc. ...	336.17		265.00	
		8,055.09		8,533.00
<i>Public Works.</i>				
Bridges	564.15		4,600.00	
Buildings	783.98		1,500.00	
Bundings	5,906.85		6,750.00	
Creeks	1,500.00		1,890.00	
Drainage	3,604.58		3,060.00	
Fire-wells	1,009.43		200.00	
Landing accommodation	4,740.49		4,500.00	
Latrines and urinals	246.99		...	
Roads	35,584.45		39,500.00	
		53,940.92		62,000.00
<i>Outside Roads</i> .....	...	4,762.79	...	3,000.00
<i>Cemeteries and Cathedral compound</i> .....	...	1,156.91	...	1,100.00
<i>Public Garden</i> .....	...	951.58	...	1,000.00
<i>Telegraph Lines</i> .....	...	1,801.55	...	1,700.00
<i>Secretariat.</i>				
Salaries, including collection of taxes .....	...	22,389.81	...	20,341.00
<i>General Charges.</i>				
Legal Expenses	1,668.68		1,500.00	
Audit	500.00		500.00	
Fuel and light	205.62		200.00	
Stationery, printing and advertising	1,675.11		2,000.00	
House and public vehicle numbers	637.48		300.00	
Postages	64.86		100.00	
Insurance	262.50		292.50	
Incidentals	123.20		150.00	
		5,137.45		5,042.50
<i>Stod—Animal labour</i>	8,400.20		...	...
<i>Oil for Harness, Carts, etc.</i>	69.69		...	9,900.00
		8,469.89		
<i>Carried forward</i>	185,665.60		...	195,997.00

*Comparative Statement, showing the actual EXPENDITURE for 1877,
and proposed DISBURSEMENTS for 1878—Continued.*

EXPENDITURE.	1877.		Estimate 1878.	
	Tls.	cts.	Tls.	cts.
<i>Brought forward</i>		185,665.60		195,997.00
<i>Fire Department</i>	1,650.00	...	2,000.00
<i>Volunteers</i>	2,571.43	...	2,000.00
<i>Local Post Office</i>	4,699.60	...	4,690.00
<i>Municipal Stock and Stores</i>	11,663.47	...	8,305.00
<i>Interest</i>	9,224.17	...	9,112.00
<i>Sinking Fund</i>	3,458.35	...	3,630.00
<i>Land and Buildings</i>	840.00	...	700.00
<i>Municipal Loan of 1872 (for redemption of 100 debentures)</i>	10,000.00	...	...
<i>Municipal Loan of 1873 do. do.</i>	10,000.00
<i>Shanghai Museum</i>	250.00	...	250.00
<i>Tax Suspense</i>	718.83	...	...
<i>Contingencies</i>	228.33	...	3,383.07
		230,969.78	...	240,067.07
<i>Municipal Stock and Stores Account, depreciation on</i>	10,000.00	...	10,000.00
Tls.		240,969.78	...	250,067.07

*Statement showing differences between Budget now proposed and
that of the past year.*

	BUDGET.		INCREASE.	DECREASE.
	1877.	1878.		
	Tls. cts.	Tls. cts.	Tls. cts.	Tls. cts.
Police	45,744.50	47,680.50	1,936.00	.....
Hospitals	5,360.00	4,000.00	.....	1,360.00
Sanitary Nuisance.....	14,916.00	15,000.00	84.00	.....
Lighting.....	15,070.00	15,100.00	30.00	.....
Surveyor's Office	7,983.00	8,533.00	550.00	.....
Public improvements, maintenance of and repairs to existing roads and public properties.....	61,885.50	68,800.00	6,914.50	.....
Secretariat	20,833.00	20,341.00	.....	492.00
General Charges	5,717.50	5,042.50	.....	675.00
Stud	9,000.00	9,900.00	900.00	.....
Fire Department	2,500.00	2,000.00	.....	500.00
Local Post Office	4,976.00	4,690.00	.....	286.00
Interest	9,221.00	9,112.00	.....	109.00
Sinking Fund.....	3,450.00	3,630.00	180.00	.....
Stock and Stores	4,650.00	8,305.00	3,655.00	.....
Land and Buildings	650.00	700.00	50.00	.....
Contingencies.....	4,326.47	3,383.07	.....	943.40
			14,299.50	4,365.40
			4,365.40	
Total increase.....	.....	.....	9,934.10	